

The A&E specifications are ordered with the Indoor models listed first, followed by the weather-resistant models (with WR in the model name). Please choose the appropriate model for your needs.

IP8-1122/26: *The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 120° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Passive operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 43 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 105 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 54 lbs. (24.5 kg).*

IP8-1122/64: *The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 950 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Passive operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 44 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 54 lbs. (24.5 kg).*

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IP8-1152/26: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 120° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Passive operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 30 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 105 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 67 lbs. (30.4 kg).

IP8-1152/64: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 950 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Passive operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 30 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 105 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 67 lbs. (30.4 kg).

IP8-1152/66: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 950 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Passive operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 31 Hz to 19.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 60° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 67 lbs. (30.4 kg).

IP8-1152/94: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 40° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Passive operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 32 Hz to 18 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 125 dB SPL (with peak output of 131 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 40° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 67 lbs. (30.4 kg).

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IP8-1152/99: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 90° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Passive operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 30 Hz to 19.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 104 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 90° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 67 lbs. (30.4 kg).

IP8-1153/64: The loudspeaker system shall be a three-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and a 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Biamp Mode, the MF and HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The LF and MF shall have an acoustic crossover frequency of 500 Hz, implemented by use of external electronic processing. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Triamp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 33 Hz to 18.5 kHz (-10dB SPL).

In Triamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The MF section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. In Biamp Mode, the MF/HF section shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 104 lbs. (47.2 kg).

IP8-1153/66: The loudspeaker system shall be a three-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and a 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 60° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Biamp Mode, the MF and HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The LF and MF shall have an acoustic crossover frequency of 500 Hz, implemented by use of external electronic processing. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Triamp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 33 Hz to 18.5 kHz (-10dB SPL).

In Triamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The MF section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. In Biamp Mode, the MF/HF section shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 60° V. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 104 lbs. (47.2 kg).

IP8-1153/94: The loudspeaker system shall be a three-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and a 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Biamp Mode, the MF and HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The LF and MF shall have an acoustic crossover frequency of 500 Hz, implemented by use of external electronic processing. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Biamp or Triamp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 15 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 33 Hz to 16.5 kHz (-10dB SPL).

In Triamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The MF section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. In Biamp Mode, the MF/HF section shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 130 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 40° V. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 104 lbs. (47.2 kg).

IP8-0002/64: The loudspeaker system shall be a two-way full-range design incorporating one 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Passive Mode, the MF/HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Passive or Biamp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 14 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 335 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. In Biamp Mode, the midrange section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 63 lbs. (28.6 kg).

IP8-0002/66: The loudspeaker system shall be a two-way full-range design incorporating one 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 60° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Passive Mode, the MF/HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Passive or Biamp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 14 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 335 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. In Biamp Mode, the midrange section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 60° V. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 63 lbs. (28.6 kg).

IP8-0002/94: The loudspeaker system shall be a two-way full-range design incorporating one 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Passive Mode, the MF/HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. There shall be two six-terminal barrier strips and external jumper assembly to allow the selection of Passive or Biamp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 14 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 335 Hz to 16.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 130 dB SPL (with peak output of 136 dB SPL) on axis at one meter. In Biamp Mode, the midrange section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 40° V. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 63 lbs. (28.6 kg).

IP8-1151: The loudspeaker system shall be a full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone. The system shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. There shall be two four-terminal barrier strips for Single Amp operation on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 14 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 33 Hz to 150 Hz (-10dB SPL). The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 54 lbs. (24.5 kg).

IS8-112: The loudspeaker system shall be a low frequency subwoofer incorporating one 12 in. (305mm) long excursion neodymium LF driver with a 4" voice coil, demodulation ring and double-treated cone. There shall be two four-terminal barrier strips on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 24 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 38 Hz to 148 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 89V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 125 dB SPL (with peak output of 131 dB SPL) on axis at one meter. Continuous power handling is 1000W (4000W peak) at 8 ohms. The loudspeaker shall be 14.30 in. (363) H x 14.50 in. (368mm) W x 21.00 in. (533mm) D, and weigh 54 lbs. (24.5 kg).

IS8-115: The loudspeaker system shall be a low frequency subwoofer incorporating one 15 in. (381mm) long excursion neodymium LF driver with a 4" voice coil, demodulation ring and double-treated cone. There shall be two four-terminal barrier strips on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 24 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 36 Hz to 155 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 89V, shall produce a sound pressure level of 99 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. Continuous power handling in is 1000W (4000W peak) at 8 ohms. The loudspeaker shall be 19.80 in. (503mm) H x 16.50 in. (419mm) W x 23.35 in. (593mm) D, and weigh 67 lbs. (30.4 kg).

IS8-118: The loudspeaker system shall be a low frequency subwoofer incorporating one 18 in. (457mm) long excursion neodymium LF driver with a 4" voice coil, triple demodulation ring and double-treated cone. There shall be two four-terminal barrier strips on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 24 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 31 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 113V, shall produce a sound pressure level of 99 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. Continuous power handling in is 1600W (6400W peak) at 8 ohms. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W x 28.89 in. (734mm) D, and weigh 91 lbs. (41.3 kg).

IS8-212: The loudspeaker system shall be a low frequency subwoofer incorporating two 12 in. (305mm) long excursion neodymium LF drivers with 4" voice coils, demodulation rings and double-treated cones. There shall be two four-terminal barrier strips and external jumper assembly to allow the selection of Single Amp or Dual Amp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 24 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 38 Hz to 140 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 89V, shall produce a sound pressure level of 98 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 2000 (8000W peak) at 4 ohms. In Dual Amp mode it is 1000W (400W peak) at 8 ohms for each driver. The loudspeaker shall be 28.00 in. (711mm) H x 14.50 in. (368mm) W x 21.00 in. (533mm) D, and weigh 82 lbs. (37.2 kg).

IS8-215: The loudspeaker system shall be a low frequency subwoofer incorporating two 15 in. (381mm) long excursion neodymium LF drivers with 4" voice coils, demodulation rings and double-treated cones. There shall be two four-terminal barrier strips and external jumper assembly to allow the selection of Single Amp or Dual Amp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 24 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 36 Hz to 140 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 89V, shall produce a sound pressure level of 102 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 135 dB SPL (with peak output of 141 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 2000 (8000W peak) at 4 ohms. In Dual Amp mode it is 1000W (400W peak) at 8 ohms for each driver. The loudspeaker shall be 39.00 in. (991mm) H x 16.50 in. (419mm) W x 23.35 in. (593mm) D, and weigh 105 lbs. (47.6 kg).

IS8-218: The loudspeaker system shall be a low frequency subwoofer incorporating two 18 in. (457mm) long excursion neodymium LF drivers with 4" voice coils, triple demodulation rings and double-treated cones. There shall be two four-terminal barrier strips and external jumper assembly to allow the selection of Single Amp or Dual Amp operating modes on a recessed powder-coated 2mm thick steel input panel. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with 24 x M10 flying/rigging inserts and finished with low gloss, uniformly textured coating. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated steel grille backed with color-matched acoustically transparent woven fabric. The system shall have an operating range of 31 Hz to 150 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 113V, shall produce a sound pressure level of 102 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 137 dB SPL (with peak output of 143 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 3200W (12800W peak) at 4 ohms. In Dual Amp mode it is 1600W (6400W peak) at 8 ohms for each driver. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W x 28.89 in. (734mm) D, and weigh 159 lbs. (72.1 kg).

Weather-Resistant (WR) Models

IP8-1122WR26: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 120° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 43 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 105 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 42 lbs. (19.1 kg).

IP8-1122WR64: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 950 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 44 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 42 lbs. (19.1 kg).

Weather-Resistant (WR) Models

IP8-1122WR66: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 950 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 43 Hz to 19.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 60° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 42 lbs. (19.1 kg).

IP8-1122WR94: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 40° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 44 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 125 dB SPL (with peak output of 131 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 40° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 42 lbs. (19.1 kg).

Weather-Resistant (WR) Models

IP8-1122WR96: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 44 Hz to 22.4 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 105 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 60° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 42 lbs. (19.1 kg).

IP8-1122WR99: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 90° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 43 Hz to 19.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 104 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 90° V. The loudspeaker shall be 28.00 in. (711 mm) H x 14.50 in. (368 mm) W (front) x 5.83 in. (148 mm) W (rear) x 17.70 in. (449 mm) D, and weigh 42 lbs. (19.1 kg).

Weather-Resistant (WR) Models

IP8-1152WR26: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 120° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 30 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 105 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 52 lbs. (23.6 kg).

IP8-1152WR64: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 950 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 30 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 105 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 52 lbs. (23.6 kg).

Weather-Resistant (WR) Models

IP8-1152WR66: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 950 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 31 Hz to 19.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 60° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 52 lbs. (23.6 kg).

IP8-1152WR94: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 40° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 32 Hz to 18 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 125 dB SPL (with peak output of 131 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 40° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 52 lbs. (23.6 kg).

Weather-Resistant (WR) Models

IP8-1152WR96: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 60° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 30 Hz to 22.4 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 125 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 60° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 52 lbs. (23.6 kg).

IP8-1152WR99: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and one 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 90° rotatable fiberglass constant directivity horn. In Passive Mode, drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 900 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 30 Hz to 19.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 80V, shall produce a sound pressure level of 94 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 25V, shall produce a sound pressure level of 104 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 123 dB SPL (with peak output of 129 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 90° V. The loudspeaker shall be 30.80 in. (782mm) H x 16.50 in. (419mm) W (front) x 6.75 in. (172mm) W (rear) x 20.07 in. (510mm) D, and weigh 52 lbs. (23.6 kg).

Weather-Resistant (WR) Models

IP8-1153WR64: The loudspeaker system shall be a three-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and a 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Biamp Mode, the MF and HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The LF and MF shall have an acoustic crossover frequency of 500 Hz, implemented by use of external electronic processing. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Biamp or Triamp operating mode as ordered by the customer. The system shall have an operating range of 33 Hz to 18.5 kHz (-10dB SPL). In Triamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The MF section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. In Biamp Mode, the MF/HF section shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 80 lbs. (36.3 kg).

IP8-1153WR66: The loudspeaker system shall be a three-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and a 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 60° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Biamp Mode, the MF and HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The LF and MF shall have an acoustic crossover frequency of 500 Hz, implemented by use of external electronic processing. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Biamp or Triamp operating mode as ordered by the customer. The system shall have an operating range of 33 Hz to 18.5 kHz (-10dB SPL). In Triamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The MF section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. In Biamp Mode, the MF/HF section shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 60° V. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 80 lbs. (36.3 kg).

Weather-Resistant (WR) Models

IP8-1153WR94: The loudspeaker system shall be a three-way, full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone and a 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Biamp Mode, the MF and HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The LF and MF shall have an acoustic crossover frequency of 500 Hz, implemented by use of external electronic processing. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 15 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Biamp or Triamp operating mode as ordered by the customer. The system shall have an operating range of 33 Hz to 16.5 kHz (-10dB SPL). In Triamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The MF section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. In Biamp Mode, the MF/HF section shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 130 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 40° V. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 80 lbs. (36.3 kg).

IP8-0002WR64: The loudspeaker system shall be a two-way full-range design incorporating one 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Passive Mode, the MF/HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 14 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 335 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. In Biamp Mode, the midrange section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 108 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 40° V. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 49 lbs. (22.2 kg).

Weather-Resistant (WR) Models

IP8-0002WR66: The loudspeaker system shall be a two-way full-range design incorporating one 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 60° x 60° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Passive Mode, the MF/HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 14 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 335 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. In Biamp Mode, the midrange section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 107 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. The nominal dispersion shall be 60° H x 60° V. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 49 lbs. (22.2 kg).

IP8-0002WR94: The loudspeaker system shall be a two-way full-range design incorporating one 2 in. (51mm) exit ketone polymer diaphragm MF compression driver paired with a 1.4 in. exit neodymium HF compression driver with integrated demodulation ring and a ketone polymer diaphragm mounted to a 90° x 40° rotatable 18 in. (457mm) fiberglass constant directivity horn. In Passive Mode, the MF/HF drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 3300 Hz. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 14 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two six-terminal barrier strips and external jumper assembly in either Passive or Biamp operating mode as ordered by the customer. The system shall have an operating range of 335 Hz to 16.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 47V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 130 dB SPL (with peak output of 136 dB SPL) on axis at one meter. In Biamp Mode, the midrange section shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 128 dB SPL (with peak output of 134 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 32V, shall produce a sound pressure level of 106 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 127 dB SPL (with peak output of 133 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 40° V. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 49 lbs. (22.2 kg).

IP8-1151WR: The loudspeaker system shall be a full-range bass reflex design incorporating one 15 in. (381mm) neodymium LF driver with integrated demodulation ring and double-treated cone. The system shall have a nominal impedance of 8 Ohms, an input capability of 69V, shall produce a sound pressure level of 96 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 124 dB SPL (with peak output of 130 dB SPL) on axis at one meter. The loudspeaker enclosure shall be 30° trapezoidal in shape. It shall be constructed of a thermally stable, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 14 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel and four-terminal barrier strip. The system shall have an operating range of 33 Hz to 150 Hz (-10dB SPL). The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W (front) x 9.30 in. (236mm) W (rear) x 26.30 in. (668mm) D, and weigh 40 lbs. (18.1 kg).

Weather-Resistant (WR) Models

IS8-112WR: The loudspeaker system shall be a low frequency subwoofer incorporating one 12 in. (305mm) long excursion neodymium LF driver with a 4" voice coil, demodulation ring and double-treated cone. The loudspeaker enclosure shall be rectangular in shape and shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 22 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel and one of two four-terminal barrier strips. The system shall have a nominal impedance of 8 Ohms, an input capability of 89V, shall produce a sound pressure level of 95 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 125 dB SPL (with peak output of 131 dB SPL) on axis at one meter. Continuous power handling in is 1000W (4000W peak) at 8 ohms. The loudspeaker shall be 14.30 in. (363) H x 14.50 in. (368mm) W x 21.00 in. (533mm) D, and weigh 47 lbs. (21.3 kg).

IS8-115WR: The loudspeaker system shall be a low frequency subwoofer incorporating one 15 in. (381mm) long excursion neodymium LF driver with a 4" voice coil, demodulation ring and double-treated cone. The loudspeaker enclosure shall be rectangular in shape and shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 22 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel and one of two four-terminal barrier strips. The system shall have a nominal impedance of 8 Ohms, an input capability of 89V, shall produce a sound pressure level of 99 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 129 dB SPL (with peak output of 135 dB SPL) on axis at one meter. Continuous power handling in is 1000W (4000W peak) at 8 ohms. The loudspeaker shall be 19.80 in. (503mm) H x 16.50 in. (419mm) W x 23.35 in. (593mm) D, and weigh 56 lbs. (25.4 kg).

IS8-118WR: The loudspeaker system shall be a low frequency subwoofer incorporating one 18 in. (457mm) long excursion neodymium LF driver with a 4" voice coil, triple demodulation ring and double-treated cone. The loudspeaker enclosure shall be rectangular in shape and shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 22 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel and one of two four-terminal barrier strips. The system shall have an operating range of 31 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 113V, shall produce a sound pressure level of 99 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. Continuous power handling in is 1600W (6400W peak) at 8 ohms. The loudspeaker shall be 19.80 in. (503mm) H x 22.10 in. (561mm) W x 28.89 in. (734mm) D, and weigh 76 lbs. (34.5 kg).

IS8-212WR: The loudspeaker system shall be a low frequency subwoofer incorporating two 12 in. (305mm) long excursion neodymium LF drivers with 4" voice coils, demodulation rings and double-treated cones. The loudspeaker enclosure shall be rectangular in shape and shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 23 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two four-terminal barrier strips and external jumper assembly in either single or dual amplifier operating mode as ordered by the customer. The system shall have an operating range of 38 Hz to 140 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 89V, shall produce a sound pressure level of 98 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 131 dB SPL (with peak output of 137 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 2000 (8000W peak) at 4 ohms. In Dual Amp mode it is 1000W (400W peak) at 8 ohms for each driver. The loudspeaker shall be 28.00 in. (711mm) H x 14.50 in. (368mm) W x 21.00 in. (533mm) D, and weigh 69 lbs. (31.3 kg).

Weather-Resistant (WR) Models

IS8-215WR: *The loudspeaker system shall be a low frequency subwoofer incorporating two 15 in. (381mm) long excursion neodymium LF drivers with 4" voice coils, demodulation rings and double-treated cones. The loudspeaker enclosure shall be rectangular in shape and shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 23 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two four-terminal barrier strips and external jumper assembly in either single or dual amplifier operating mode as ordered by the customer. The system shall have an operating range of 36 Hz to 140 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 89V, shall produce a sound pressure level of 102 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 135 dB SPL (with peak output of 141 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 2000 (8000W peak) at 4 ohms. In Dual Amp mode it is 1000W (400W peak) at 8 ohms for each driver. The loudspeaker shall be 39.00 in. (991mm) H x 16.50 in. (419mm) W x 23.35 in. (593mm) D, and weigh 86 lbs. (39 kg).*

IS8-218WR: *The loudspeaker system shall be a low frequency subwoofer incorporating two 18 in. (457mm) long excursion neodymium LF drivers with 4" voice coils, triple demodulation rings and double-treated cones. The loudspeaker enclosure shall be rectangular in shape and shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with 23 x M10 flying/rigging inserts. The enclosure shall have a dual-layer finish of heavy exterior-grade paint and a UV-resistant top coat. The front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic treatment on acoustically transparent woven fabric. The secured input panel cover and gland nut shall provide a sealed connection for the 12 ft (3.6m) 14 gauge SJOW cable to the recessed powder-coated 2mm thick steel input panel. The cable conductors shall be wired to two four-terminal barrier strips and external jumper assembly in either single or dual amplifier operating mode as ordered by the customer. The system shall have an operating range of 31 Hz to 150 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 113V, shall produce a sound pressure level of 102 dB (averaged SPL between -10 dB points) on axis at one meter with a power input of 1 Watt, and shall be capable of producing a continuous output of 137 dB SPL (with peak output of 143 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 3200W (12800W peak) at 4 ohms. In Dual Amp mode it is 1600W (6400W peak) at 8 ohms for each driver. The loudspeaker shall be 39.00 in. (991mm) H x 22.10 in. (561mm) W x 28.89 in. (734mm) D, and weigh 133 lbs. (60.3 kg).*