

I SERIES 600 level A&E Specifications

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.

IP6-1122/26: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 37 Hz to 17.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 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 64.0 lbs. (29.0 kg).

IP6-1122/64: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 38 Hz to 17.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 64.0 lbs. (29.0 kg).

IP6-1122/66: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 38 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 64.0 lbs. (29.0 kg).

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IP6-1122/94: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 38 Hz to 17.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 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 64.0 lbs. (29.0 kg).

IP6-1122/96: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 37 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 64.0 lbs. (29.0 kg).

IP6-1122/99: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 36 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 64.0 lbs. (29.0 kg).

I SERIES 600 level A&E Specifications

IP6-1152/26: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 17.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 79 lbs. (35.8 kg).

IP6-1152/64: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 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 79 lbs. (35.8 kg).

IP6-1152/66: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 19 kHz (-10dB SPL). In Passive Mode, 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 126 dB SPL (with peak output of 132 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 79 lbs. (35.8 kg).

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IP6-1152/94: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 79 lbs. (35.8 kg).

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IP6-1152/99: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 28 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 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 24V, 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 79 lbs. (35.8 kg).

I SERIES 600 level A&E Specifications

IS6-112: The loudspeaker system shall be a low frequency subwoofer incorporating one 12 in. (305mm) long excursion ferrite LF driver with a 4" inside/outside wound voice coil 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 39 Hz to 150 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 75V, shall produce a sound pressure level of 100 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. Continuous power handling in is 700W (2800W 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 60 lbs. (27.2 kg).

IS6-115: The loudspeaker system shall be a low frequency subwoofer incorporating one 15 in. (381mm) long excursion ferrite LF driver with a 4" inside/outside wound voice coil 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 37 Hz to 140 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 75V, 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 130 dB SPL (with peak output of 136 dB SPL) on axis at one meter. Continuous power handling in is 700W (2800W 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 73 lbs. (33.1 kg).

IS6-118: The loudspeaker system shall be a low frequency subwoofer incorporating one 18 in. (457mm) long excursion ferrite LF driver with a 4" inside/outside wound voice coil 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 32 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 75V, 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 132 dB SPL (with peak output of 138 dB SPL) on axis at one meter. Continuous power handling in is 700W (2800W 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 90 lbs. (40.8 kg).

IS6-212: The loudspeaker system shall be a low frequency subwoofer incorporating two 12 in. (305mm) long excursion ferrite LF drivers with 4" inside/outside wound voice coils 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 150 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 75V, shall produce a sound pressure level of 103 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 134 dB SPL (with peak output of 140 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 1400W (5600W peak) at 4 ohms. In Dual Amp mode it is 700W (2800W 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 94 lbs. (42.6 kg).

IS6-215: The loudspeaker system shall be a low frequency subwoofer incorporating two 15 in. (381mm) long excursion ferrite LF drivers with 4" inside/outside wound voice coils 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 37 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 75V, 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 136 dB SPL (with peak output of 142 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 1400W (5600W peak) at 4 ohms. In Dual Amp mode it is 700W (2800W 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 117 lbs. (53.1 kg).

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IS6-218: The loudspeaker system shall be a low frequency subwoofer incorporating two 18 in. (457mm) long excursion ferrite LF drivers with 4" inside/outside wound voice coils 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 32 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 75V, 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 138 dB SPL (with peak output of 144 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 1400W (5600W peak) at 4 ohms. In Dual Amp mode it is 700W (2800W 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 157 lbs. (71.2 kg).

Weather-Resistant (PolyGlas™ cabinets)

IP6-1122WR26: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 37 Hz to 17.5 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 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 52 lbs. (23.6 kg).

IP6-1122WR64: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 38 Hz to 17.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 52 lbs. (23.6 kg).

I SERIES 600 level A&E Specifications

Weather-Resistant (PolyGlas™ cabinets)

IP6-1122WR66: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 38 Hz to 18.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 52 lbs. (23.6 kg).

IP6-1122WR94: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 38 Hz to 17.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 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 52 lbs. (23.6 kg).

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Weather-Resistant (PolyGlas™ cabinets)

IP6-1122WR96: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 37 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 52 lbs. (23.6 kg).

IP6-1122WR99: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 12 in. (305mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 36 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 122 dB SPL (with peak output of 128 dB SPL) on axis at one meter. The high frequency section shall have a nominal impedance of 8 Ohms, an input capability of 24V, 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 52 lbs. (23.6 kg).

IP6-1152WR26: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 17.5 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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

I SERIES 600 level A&E Specifications

Weather-Resistant (PolyGlas™ cabinets)

IP6-1152WR64: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 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 63 lbs. (28.6 kg).

IP6-1152WR66: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 19 kHz (-10dB SPL). In Passive Mode, 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 126 dB SPL (with peak output of 132 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 63 lbs. (28.6 kg).

IP6-1152WR94: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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 kHz (-10dB SPL). In Passive Mode, the system 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 63 lbs. (28.6 kg).

I SERIES 600 level A&E Specifications

Weather-Resistant (PolyGlas™ cabinets)

IP6-1152WR96: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 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. In Biamp Mode, the low frequency section shall have a nominal impedance of 8 Ohms, an input capability of 63V, 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 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 24V, 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 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 63 lbs. (28.6 kg).

IP6-1152WR99: The loudspeaker system shall be a two-way, full-range bass reflex design incorporating one 15 in. (381mm) ferrite LF driver with an inherently weather resistant cone and one 1.4 in. exit ferrite HF compression driver with a hybrid titanium/polyamide 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 1500 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 28 Hz to 19 kHz (-10dB SPL). In Passive Mode, the system shall have a nominal impedance of 8 Ohms, an input capability of 69V, 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 122 dB SPL (with peak output of 128 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 63V, 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 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 24V, 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 63 lbs. (28.6 kg).

I SERIES 600 level A&E Specifications

Weather-Resistant Models

IS6-112WR: The loudspeaker system shall be a low frequency subwoofer incorporating one 12 in. (305mm) long excursion ferrite LF driver with a 4" inside/outside wound voice coil 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 four-terminal barrier strip. The system shall have an operating range of 39 Hz to 150 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 75V, shall produce a sound pressure level of 100 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. Continuous power handling in is 700W (2800W 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 53 lbs. (24.0 kg).

IS6-115WR: The loudspeaker system shall be a low frequency subwoofer incorporating one 15 in. (381mm) long excursion ferrite LF driver with a 4" inside/outside wound voice coil 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 four-terminal barrier strip. The system shall have an operating range of 37 Hz to 140 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 75V, 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 130 dB SPL (with peak output of 136 dB SPL) on axis at one meter. Continuous power handling in is 700W (2800W 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 62 lbs. (28.1 kg).

IS6-118WR: The loudspeaker system shall be a low frequency subwoofer incorporating one 18 in. (457mm) long excursion ferrite LF driver with a 4" inside/outside wound voice coil 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 four-terminal barrier strip. The system shall have an operating range of 32 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 8 Ohms, an input capability of 75V, 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 132 dB SPL (with peak output of 138 dB SPL) on axis at one meter. Continuous power handling in is 700W (2800W 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 75 lbs. (34.0 kg).

IS6-212WR: The loudspeaker system shall be a low frequency subwoofer incorporating two 12 in. (305mm) long excursion ferrite LF drivers with 4" inside/outside wound voice coils 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 150 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 75V, shall produce a sound pressure level of 103 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 134 dB SPL (with peak output of 140 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 1400W (5600W peak) at 4 ohms. In Dual Amp mode it is 700W (2800W 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 81 lbs. (36.7 kg).

I SERIES 600 level A&E Specifications

Weather-Resistant (PolyGlas™ cabinets)

IS6-215WR: The loudspeaker system shall be a low frequency subwoofer incorporating two 15 in. (381mm) long excursion ferrite LF drivers with 4" inside/outside wound voice coils 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 37 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 75V, 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 136 dB SPL (with peak output of 142 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 1400W (5600W peak) at 4 ohms. In Dual Amp mode it is 700W (2800W 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 98 lbs. (44.5 kg).

IS6-218WR: The loudspeaker system shall be a low frequency subwoofer incorporating two 18 in. (457mm) long excursion ferrite LF drivers with 4" inside/outside wound voice coils 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 32 Hz to 145 Hz (-10dB SPL, half space). The system shall have a nominal impedance of 4 Ohms (2 x 8 Ohms), an input capability of 75V, 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 138 dB SPL (with peak output of 144 dB SPL) on axis at one meter. Continuous power handling in Single Amp mode is 1400W (5600W peak) at 4 ohms. In Dual Amp mode it is 700W (2800W 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 131 lbs. (59.4 kg).