

I SERIES 600 level Compact A&E Specifications

The A&E specifications are ordered with the Indoor models listed first, followed by the weather-resistant models (with WR or WT in the model name). Please choose the appropriate model for your needs. Each compact model has a low impedance (standard) model, a model including an autoformer (T) for 70V/100V systems, and also weather-resistant versions of each.

IC6-1062/00: *The loudspeaker system shall be a two-way, full-range design incorporating one 6.5 in. (165mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit direct radiating damped fabric dome diaphragm, ferrofluid and heatsink-cooled dual-neodymium motor. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 2500 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (9) M6 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 acoustically transparent woven fabric. The system shall have an operating range of 56 Hz to 18.5 kHz (-10dB SPL). The system shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 92 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 114 dB SPL (with peak output of 120 dB SPL) on axis at one meter. The nominal dispersion shall be 100° H x 100° V. The loudspeaker shall be 14.29 in. (363 mm) H x 8.00 in. (203 mm) W (front) x 5.64 in. (143 mm) W (rear) x 8.94 in. (227 mm) D, and shall weigh 16.0 lbs. (7.3 kg).*

IC6-1062T00: *The loudspeaker system shall be a two-way, full-range design incorporating one 6.5 in. (165mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit direct radiating damped fabric dome diaphragm, ferrofluid and heatsink-cooled dual-neodymium motor. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 2500 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The system shall be equipped with a high performance 100W autoformer for use in 70V/100V audio systems, with taps of 12.5W, 25W, 50W, and 100W for 70V operation (25W, 50W, and 100W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (9) M6 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 acoustically transparent woven fabric. The system shall have an operating range of 56 Hz to 18.5 kHz (-10dB SPL). The system shall produce a sound pressure level of 92 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 114 dB SPL (with peak output of 120 dB SPL) on axis at one meter. The nominal dispersion shall be 100° H x 100° V. The loudspeaker shall be 14.29 in. (363 mm) H x 8.00 in. (203 mm) W (front) x 5.64 in. (143 mm) W (rear) x 8.94 in. (227 mm) D, and shall weigh 20.0 lbs. (9.1 kg).*

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IC6-1082/26: The loudspeaker system shall be a two-way, full-range design incorporating one 8 in. (203mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit advanced polymer diaphragm, ferrite compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1800 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (7) M10 and (4) M8 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 acoustically transparent woven fabric. The system shall have an operating range of 52 Hz to 19.5 kHz (-10dB SPL). The system shall have a nominal impedance of 8 Ohms, an input capability of 45V, 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 118 dB SPL (with peak output of 124 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 18.75 in. (476 mm) H x 10.40 in. (264 mm) W (front) x 7.69 in. (195 mm) W (rear) x 10.63 in. (270 mm) D, and shall weigh 25.0 lbs. (11.3 kg).

IC6-1082T26: The loudspeaker system shall be a two-way, full-range design incorporating one 8 in. (203mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit advanced polymer diaphragm, ferrite compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1800 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (7) M10 and (4) M8 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 acoustically transparent woven fabric. The system shall have an operating range of 52 Hz to 19.5 kHz (-10dB SPL). The system 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 118 dB SPL (with peak output of 124 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 18.75 in. (476 mm) H x 10.40 in. (264 mm) W (front) x 7.69 in. (195 mm) W (rear) x 10.63 in. (270 mm) D, and shall weigh 29.0 lbs. (13.2 kg).

IC6-1082/96: The loudspeaker system shall be a two-way, full-range design incorporating one 8 in. (203mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit advanced polymer diaphragm, ferrite compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1800 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (7) M10 and (4) M8 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 acoustically transparent woven fabric. The system shall have an operating range of 53 Hz to 20 kHz (-10dB SPL). The system shall have a nominal impedance of 8 Ohms, an input capability of 45V, 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 119 dB SPL (with peak output of 125 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 60° V. The loudspeaker shall be 18.75 in. (476 mm) H x 10.40 in. (264 mm) W (front) x 7.69 in. (195 mm) W (rear) x 10.63 in. (270 mm) D, and shall weigh 25.0 lbs. (11.3 kg).

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IC6-1082T96: The loudspeaker system shall be a two-way, full-range design incorporating one 8 in. (203mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit advanced polymer diaphragm, ferrite compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1800 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (7) M10 and (4) M8 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 acoustically transparent woven fabric. The system shall have an operating range of 53 Hz to 20 kHz (-10dB SPL). The system 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 119 dB SPL (with peak output of 125 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 60° V. The loudspeaker shall be 18.75 in. (476 mm) H x 10.40 in. (264 mm) W (front) x 7.69 in. (195 mm) W (rear) x 10.63 in. (270 mm) D, and shall weigh 29.0 lbs. (13.2 kg).

IC6-2082/26: The loudspeaker system shall be a two-way, full-range design incorporating two 8 in. (203mm) ferrite LF drivers with inherently weather resistant cones and one 1 in. (25mm) exit ketone polymer diaphragm, neodymium compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (9) M10 and (4) M8 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 acoustically transparent woven fabric. The system shall have an operating range of 49 Hz to 20 kHz (-10dB SPL). The system shall have a nominal impedance of 16 Ohms, an input capability of 69V, 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 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 11.30 in. (287 mm) H x 22.46 in. (571 mm) W (front) x 5.81 in. (148 mm) W (rear) x 10.62 in. (270 mm) D, and shall weigh 31.0 lbs. (14.1 kg).

IC6-2082T26: The loudspeaker system shall be a two-way, full-range design incorporating two 8 in. (203mm) ferrite LF drivers with inherently weather resistant cones and one 1 in. (25mm) exit ketone polymer diaphragm, neodymium compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (9) M10 and (4) M8 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 acoustically transparent woven fabric. The system shall have an operating range of 49 Hz to 20 kHz (-10dB SPL). The system 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 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 11.30 in. (287 mm) H x 22.46 in. (571 mm) W (front) x 5.81 in. (148 mm) W (rear) x 10.62 in. (270 mm) D, and shall weigh 31.0 lbs. (14.1 kg).

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IC6-2082T96: *The loudspeaker system shall be a two-way, full-range design incorporating two 8 in. (203mm) ferrite LF drivers with inherently weather resistant cones and one 1 in. (25mm) exit ketone polymer diaphragm, neodymium compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. There shall be one five-terminal barrier strip on a recessed powder-coated 2mm thick steel input panel. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of 11-layer cross-laminated exterior grade 15mm thick Baltic birch plywood and shall be fitted with (9) M10 and (4) M8 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 acoustically transparent woven fabric. The system shall have an operating range of 49 Hz to 19.5 kHz (-10dB SPL). The system 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 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 11.30 in. (287 mm) H x 22.46 in. (571 mm) W (front) x 5.81 in. (148 mm) W (rear) x 10.62 in. (270 mm) D, and shall weigh 31.0 lbs. (14.1 kg).*

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Weather-Resistant models (PolyGlas™ cabinets)

The A&E specifications are ordered alphanumerically by model with the weather-resistant low impedance (WR) models and then the weather-resistant 70V/100V operation (WT) model. Please choose the appropriate model for your needs.

IC6-1062WR00: *The loudspeaker system shall be a two-way, full-range design incorporating one 6.5 in. (165mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit direct radiating damped fabric dome diaphragm, ferrofluid and heatsink-cooled dual-neodymium motor. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 2500 Hz. The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (9) M6 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 56 Hz to 18.5 kHz (-10dB SPL). The system shall have a nominal impedance of 8 Ohms, an input capability of 35V, shall produce a sound pressure level of 92 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 114 dB SPL (with peak output of 120 dB SPL) on axis at one meter. The nominal dispersion shall be 100° H x 100° V. The loudspeaker shall be 14.29 in. (363 mm) H x 8.00 in. (203 mm) W (front) x 5.64 in. (143 mm) W (rear) x 8.94 in. (227 mm) D, and shall weigh 12.6 lbs. (5.7 kg).*

IC6-1062WT00: *The loudspeaker system shall be a two-way, full-range design incorporating one 6.5 in. (165mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit direct radiating damped fabric dome diaphragm, ferrofluid and heatsink-cooled dual-neodymium motor. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 2500 Hz. The system shall be equipped with a high performance 100W autoformer for use in 70V/100V audio systems, with taps of 12.5W, 25W, 50W, and 100W for 70V operation (25W, 50W, and 100W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (9) M6 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 56 Hz to 18.5 kHz (-10dB SPL). The system shall produce a sound pressure level of 92 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 114 dB SPL (with peak output of 120 dB SPL) on axis at one meter. The nominal dispersion shall be 100° H x 100° V. The loudspeaker shall be 14.29 in. (363 mm) H x 8.00 in. (203 mm) W (front) x 5.64 in. (143 mm) W (rear) x 8.94 in. (227 mm) D, and shall weigh 16.6 lbs. (7.5 kg).*

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IC6-1082WR26: The loudspeaker system shall be a two-way, full-range design incorporating one 8 in. (203mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit advanced polymer diaphragm, ferrite compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1800 Hz. The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (7) M10 and (4) M8 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 52 Hz to 19.5 kHz (-10dB SPL). The system shall have a nominal impedance of 8 Ohms, an input capability of 45V, 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 118 dB SPL (with peak output of 124 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 18.75 in. (476 mm) H x 10.40 in. (264 mm) W (front) x 7.69 in. (195 mm) W (rear) x 10.63 in. (270 mm) D, and shall weigh 19.2 lbs. (8.7 kg).

IC6-1082WT26: The loudspeaker system shall be a two-way, full-range design incorporating one 8 in. (203mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit advanced polymer diaphragm, ferrite compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1800 Hz. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (7) M10 and (4) M8 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 52 Hz to 19.5 kHz (-10dB SPL). The system 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 118 dB SPL (with peak output of 124 dB SPL) on axis at one meter. The nominal dispersion shall be 120° H x 60° V. The loudspeaker shall be 18.75 in. (476 mm) H x 10.40 in. (264 mm) W (front) x 7.69 in. (195 mm) W (rear) x 10.63 in. (270 mm) D, and shall weigh 23.2 lbs. (10.5 kg).

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IC6-1082WT96: *The loudspeaker system shall be a two-way, full-range design incorporating one 8 in. (203mm) ferrite LF driver with an inherently weather resistant cone and one 1 in. (25mm) exit advanced polymer diaphragm, ferrite compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1800 Hz. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (7) M10 and (4) M8 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 53 Hz to 20 kHz (-10dB SPL). The system 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 119 dB SPL (with peak output of 125 dB SPL) on axis at one meter. The nominal dispersion shall be 90° H x 60° V. The loudspeaker shall be 18.75 in. (476 mm) H x 10.40 in. (264 mm) W (front) x 7.69 in. (195 mm) W (rear) x 10.63 in. (270 mm) D, and shall weigh 23.2 lbs. (10.5 kg).*

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IC6-2082WT26: *The loudspeaker system shall be a two-way, full-range design incorporating two 8 in. (203mm) ferrite LF drivers with inherently weather resistant cones and one 1 in. (25mm) exit ketone polymer diaphragm, neodymium compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (9) M10 and (4) M8 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 49 Hz to 20 kHz (-10dB SPL). The system 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 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 11.30 in. (287 mm) H x 22.46 in. (571 mm) W (front) x 5.81 in. (148 mm) W (rear) x 10.62 in. (270 mm) D, and shall weigh 27.9 lbs. (12.7 kg).*

I SERIES 600 level Compact A&E Specifications

IC6-2082WR96: *The loudspeaker system shall be a two-way, full-range design incorporating two 8 in. (203mm) ferrite LF drivers with inherently weather resistant cones and one 1 in. (25mm) exit ketone polymer diaphragm, neodymium compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (9) M10 and (4) M8 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 49 Hz to 19.5 kHz (-10dB SPL). The system shall have a nominal impedance of 16 Ohms, an input capability of 69V, 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 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 11.30 in. (287 mm) H x 22.46 in. (571 mm) W (front) x 5.81 in. (148 mm) W (rear) x 10.62 in. (270 mm) D, and shall weigh 23.9 lbs. (10.8 kg).*

IC6-2082WT96: *The loudspeaker system shall be a two-way, full-range design incorporating two 8 in. (203mm) ferrite LF drivers with inherently weather resistant cones and one 1 in. (25mm) exit ketone polymer diaphragm, neodymium compression driver. The drivers shall be connected to an internal frequency dividing network with an acoustical crossover frequency of 1100 Hz. The system shall be equipped with a high performance 200W autoformer for use in 70V/100V audio systems, with taps of 25W, 50W, 100W, and 200W for 70V operation (50W, 100W, and 200W for 100V systems). The modified trapezoidal loudspeaker enclosure shall be constructed of a thermally stabile, dense structural-grade composite embedded with dual layers of fiberglass cloth and shall be fitted with (9) M10 and (4) M8 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 acoustically transparent woven fabric that has been treated with a hydrophobic compound. The secured input panel cover and gland nut shall provide a sealed connection for the internally connected 12 ft (3.6m) 14 gauge SJOW cable. The system shall have an operating range of 49 Hz to 19.5 kHz (-10dB SPL). The system 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 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 11.30 in. (287 mm) H x 22.46 in. (571 mm) W (front) x 5.81 in. (148 mm) W (rear) x 10.62 in. (270 mm) D, and shall weigh 27.9 lbs. (12.7 kg).*