

Quam

C5 Series

Loudspeaker/Transformer/Baffle Pre-assembled Combinations



Features

- All units fully assembled with hardware
- One piece baffle construction
- Volume control option
- In stock for immediate shipment

These assemblies feature the model 8C5PAX 8" dual-cone loudspeaker with a 5 oz. ceramic magnet, a 25, 70 or 25/70 volt transformer, and a choice of several baffles. The constant voltage line transformers have taps ranging from 1/4 to 5 watts and are supplied with 8-ohm secondary connectors. The ceiling

baffles feature one piece construction to virtually eliminate vibration and fit most recessed enclosures, including Quam ERD-8 series backboxes as well as plaster rings and Quam SSB-2 and SSB-3 tile support bridges. All units come fully assembled with mounting hardware.

LOUDSPEAKER

COMPONENT CODE	MODEL NO.	SIZE (INCHES)	POWER RATING	CONE	MAGNET WEIGHT	FREQUENCY RESPONSE
C5	8C5PAX	8"	10 W	DUAL	4.8 oz.	65-17K

TRANSFORMER

COMPONENT CODE	MODEL NO.	POWER RATING	INSERTION LOSS	PRIMARY VOLTAGE	PRIMARY TAPS
B25	TBL25	4W	< 1 dB	25	1/4, 1/2, 1 - 2 - 4
B70	TBL70	4W	< 1 dB	70.7	1/4, 1/2, 1 - 2 - 4
BU	TBLU	5W	< 1 dB	25 & 70	5/8, 1-1/4, 2-1/2, 5

BAFFLE

COMPONENT CODE	MODEL NO.	MATERIAL	TYPE	FINISH
A	BR8A	ALUMINUM	ONE-STEP	BRUSHED
W	BR8W	STEEL	ONE-STEP	BAKED WHITE EPOXY
WC	BR8WC	STEEL	TWO-STEP	BAKED WHITE EPOXY
WP	BR8WP	PLASTIC	LOUVERED	WHITE

VOLUME CONTROL

COMPONENT CODE	CONTROL	RATING	MOUNTING
VK	WHITE KNOB	50 ohm	CENTER OF BAFFLE
VS	RECESSED	50 ohm	CENTER OF BAFFLE

Architects & Engineers Specifications

Loudspeakers shall be an 8" molded fiber cone with a propagator mounted directly to the voice coil assembly to extend high frequency response. The loudspeaker shall use a 4.8 ounce ceramic magnet. Flux density shall be 9,500 Gauss minimum. Frequency response of the speaker shall be 65 Hz to 17KHz with a power handling capability of ten watts RMS referenced to EIA standard 426A. Voice coil diameter shall be .75" and shall have a nominal impedance of eight ohms. Axial sensitivity of the speaker shall be not less than 98dB at a distance of one

meter with one watt of source power applied. An integral constant voltage line transformer mounted to the loudspeaker basket shall be included. A one-step round, two-step contoured, louvered plastic or brushed aluminum baffle shall be included as part of the assembly. Speaker baffles shall be (zinc treated steel and coated with a white powder epoxy finish) (brushed aluminum) (white plastic). Loudspeaker and baffle units shall be factory assembled to maintain standard assembly procedures with minimal variances.



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