

# Quam

## C5 Series

### Loudspeaker/Transformer/Baffle Pre-assembled Combinations

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.



### Features

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

#### 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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Member



TS-51A