

System Examples



CDP-848AT 30-watt compound diffraction projector

A 30-watt compound diffraction projector. Wide range, integrated horn-and-driver system. Single driver is fitted to two coaxial horns, each coupled to opposite sides of the driver diaphragm. Weather-resistant gray with 150° H x 110° V at 2 kHz. Compound diffraction design allows for more uniform dispersion throughout the frequency range. The CDP-848AT features a 30-watt 1828T driver, 260 Hz-10 kHz frequency response, uniform dispersion over the frequency range and heavy-duty drivers with 25/70.7-volt transformers offering 0.5-, 1-, 2-, 4-, 8-, 15- and 30-watt taps.

EVID™ Systems



CDP-850T 60-watt compound diffraction projector

A 60-watt compound diffraction projector. Wide range, integrated horn-and-driver system. Single driver is fitted to two coaxial horns, each coupled to opposite sides of the driver diaphragm. Weather-resistant gray with 150° H x 110° V at 2 kHz. Compound diffraction design allows for more uniform dispersion throughout the frequency range. The CDP-850T features a 60-watt 1829BT driver, 280 Hz-8 kHz frequency response, uniform dispersion over the frequency range and heavy-duty drivers with 25/70.7-volt transformer offering 8-, 15-, 30- and 60-watt taps.

Surface Mount Speakers



CFID32-T 32-watt paging projector

This 32-watt paging projector is designed for high speech intelligibility under adverse ambient conditions. Low distortion and smooth frequency response make the CFID32-T a good choice for background music in indoor or outdoor applications. 55° H x 74° V at 2 kHz, 25/70.7-volt transformer with 1.25-, 2.5-, 5-, 10-, 15- and 32-watt taps. CFID32-T comes in weather-resistant gray and offers diffraction effect for wide horizontal dispersion, 330 Hz-4.2 kHz frequency response, integral swivel bracket and weather-sealed gland-nut connection.

Ceiling Speakers



IBC8 30-watt reentrant paging projector/talkback speaker

The IBC8 is a 30-watt high-powered reentrant paging projector/talkback speaker. Designed for use in adverse ambient conditions, the IBC8 is weather-resistant and appropriate for outdoor or indoor use. Features 60° dispersion at 2 kHz, integral swivel mounting bracket, gray color and 8-ohm impedance.

Horns and Drivers



MM2/MM2F/MM2TC 25-watt submergence proof speakers

MM2 A 25-watt submergence-proof design (U.S. Navy specification) with a serrated mounting bracket allowing for a 90° arc swivel. Ideal for use near water or spray. The gray MM2 features an 82° x 82° dispersion pattern and 16-ohm impedance. Each unit is fully protected against damage from high humidity, salt water and other environmental conditions.

MM2F Same as MM2 except with a flush mount designed for mounting on the front surface of bulkhead, wall or ceiling.

MM2TC Same as MM2 except with a surface/bulkhead mount and watertight internal matching transformer compartment. Requires University Sound 5030 transformer part no. 56-05-022109-04.

Amplifiers

Paging Mics

ProAnnounce™

Specifications	CDP-848AT	CDP-850T	CFID32-T	IBC8
Power Handling (500 Hz-5 kHz)	30 watts	60 watts	32 watts	30 watts
Frequency Response	260 HZ-10 kHz	280 Hz-8 kHz	330 Hz-4.2 kHz (±5 dB)	500 Hz-7 kHz (±5 dB) 350 Hz lower usable limit
Acoustic Crossover	1 kHz	1 kHz	N/A	—
Sensitivity (1m, 500 Hz-5kHz)	105 dB SPL, 1 W, 1 m	105 dB SPL, 1 W, 1 m	107 dB SPL, 1 W	107 dB SPL, 1 W, 1 m
Impedance	70.7 V transformer	70.7 V transformer	25 or 70.7 V Xfmr for -T models	8 ohms nominal
Beamwidth (@ 2 kHz)	150° H x 110° V	150° H x 110° V	55° H x 74° V	60°
Directivity Factor, R ₀ (Q)	7.4 @ 2 kHz	5.2 @ 2 kHz	16.3 @ 2 kHz	N/A
Sensitivity as Microphone	—	—	-26 dBm	-26 dBm (ref.: 10 dynes/cm ²)
Dimensions, in. (cm)	20.5 H x 10.5 W x 20.0 D (52.0 H x 26.5 W x 51.0 D)	20.5 H x 10.5 W x 20.0 D (52.0 H x 26.5 W x 51.0 D)	7.1 H x 14.4 W x 12.5 D (18.1 H x 36.5 W x 31.8 D)	10.5 dia. x 9.0 deep (26.0 dia. x 22.9 deep)
Shipping Weight	18 lb. (8.2 kg)	21 lb. (9.5 kg)	CFID 32-8: 6 lb. (2.7 kg) CFID 32-T: 6.3 lb. (2.9 kg)	4.5 lb. (2.0 kg)