

Dual 8" In-Ceiling Passive Subwoofer



IC-SW-8T2

Most distributed audio systems are plagued with thin-sounding performances, but the new IC-SW-8T2 in-ceiling subwoofer changes everything. Engineered for music reinforcement applications, these unobtrusive, easy-to-install loudspeakers feature a transformer-less design for 70V/100V distributed-line systems with two wattage settings. Since transformers severely limit a subwoofer's capabilities, this unique design is the perfect solution when building a great sounding commercial system.

The IC-SW-8T2 adds more dimension to any in-ceiling configuration by using an 8-inch woofer, 8-inch drone, polypropylene cones and high-temperature voice coils in the active driver. While most subwoofers use a port to increase output, the IC-SW-8T2 employs a bandpass design that utilizes a passive radiator. This eliminates a lot of the distortion and removes turbulence that is often present in ported designs. Maximum continuous output is a remarkable 111dB. And since AES rated sensitivity is 92dB, adequate levels can be achieved with modest amplifier power using the IC-SW-8T2.

Other key features of the IC-SW-8T2 include the ability to easily switch from low impedance to high impedance distributed-line applications as well as mono and two-channel inputs in low impedance modes. This durable subwoofer has an ABS plastic baffle, formed steel back can and a four-point terminal strip input connector and is UL 2043 and 1480 certified. The IC-SW-8T2 is shipped complete with a tile bridge for installation in a suspended ceiling or wherever additional reinforcement of the ceiling material is required. A mudring kit (part # 061347) is also available for drywall ceiling installations.

- High sensitivity and power handling
- Extended, powerful bass
- Very high output capability
- Transformerless 70V/100V, with 2 wattage settings
- Single-input 4-ohm or dual-input 8-ohm operation
- ABS baffle with removable, paintable powder-coated aluminum grille
- UL approval for 1480/2043

SPECIFICATIONS

BANDWIDTH ¹	50-130Hz ± 4dB
POWER HANDLING ²	150W (27V) cont.
MAX CONTINUOUS OUTPUT ³	111dB
SENSITIVITY ⁴	92dB @ 2.83 volts/1meter
TRANSFORMER TAPS	70V: 60W, 30W 100V: 120W, 60W
NOMINAL IMPEDANCE	6 ohms, min 4.9 ohms, switch set to mono or stereo position
TRANSDUCERS	One 8" woofer and One 8" drone
INPUT CONNECTORS	Terminal Strip
ENCLOSURE TUNING	Bandpass via an 8" Drone
OVERALL WIDTH	14.2" (36.07 cm) diameter
THRU HOLE WIDTH	12.4" (31.50 cm) diameter
CUTOUT DIMENSIONS	12.5" (31.75 cm) diameter
MOUNTING DEPTH	13" (33.02 cm)
OVERALL DEPTH	13.25" (33.66 cm)
NET WEIGHT	23 lbs. (10.44kg)
SHIPPING WEIGHT	30 lbs. (13.62kg)
FINISH	White

¹ 3M, half space anechoic

² AES standard, continuous pink noise 50Hz-10Hz, 6dB peaks

³ Calculated at 1M at power handling power input

⁴ Half space anechoic

