



CMS-4.1

The Klipsch CMS 4.1 or Commercial Music System proves that compact dimensions and sophisticated style can coexist with high-performance sound. It is an excellent choice for 70V/100V distributed-line systems and other applications requiring unobtrusive, easy-to-install, high-quality loudspeakers.

A typical CMS 4.1 consists of four low-profile satellites, four satellite mounts, one network and either an in-ceiling or surface mount subwoofer. Because these components are sold separately, you can easily add to the system and bring just the right amount of sound to any size installation.

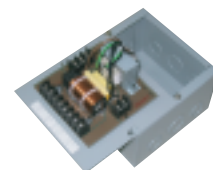
Specifically designed for this system, the Comm Sat network is a UL-approved metal box outboard network features 70V/100V tap-settings. It serves as a hub for up to four satellites and the chosen subwoofer.

Available in black or white, the satellite is a marvel of miniature technology that maximizes output and dynamics. Klipsch's exclusive MicroTractrix™ Horn, the working element of this 7.5-inch tall loudspeaker is formed right into the cabinet baffle, a design that offers the lowest diffraction and maximum release of energy into the listening areas. The ported, bass-reflex enclosure maximizes bass response for a dynamic sound.

Also available in black or white, the mounting kit features a metal wall plate and a metal arm with a tip that offers both tilt and swivel features. Once properly positioned, the tip can easily be locked into place with the provided adjustment tool. To enhance the cosmetics of the finished installation, the mounting arm is hollow, to allow concealment of the satellite's color-matched wire.

SPECIFICATIONS

COMM SAT NETWORK



| | |
|------------------------|-----------------------------|
| BANDWIDTH ¹ | N/A |
| TRANSFORMER TAPS | 70V: 30 Watt, 100V: 60 Watt |
| CROSSOVER | 100Hz 12dB/Octave Highpass |
| INPUT CONNECTORS | Barrier Strip |
| ENCLOSURE MATERIAL | Steel |
| HEIGHT | 4.375" (11.1 cm) |
| WIDTH | 6.125" (15.6cm) |
| DEPTH | 6.125" (15.6cm) |
| WEIGHT | 5 lbs. (2.3kg) |
| FINISH | Gray |

COMM SAT SPEAKER



| | |
|-------------------------------------|---|
| BANDWIDTH ¹ | 120Hz-20kHz ± 4dB (-10dB @ 42Hz) |
| POWER HANDLING ² | 70W (15.5V @ 3.2 ohm input) |
| MAXIMUM CONTINUOUS SPL ³ | 107 dB |
| SENSITIVITY ⁴ | 92dB @ 2.83 volts/1 meter |
| TRANSFORMER TAPS | N/A (Comm Sat network required) |
| NOMINAL IMPEDANCE | 8 ohms (3.2 ohm minimum @ 5.5Hz) |
| HIGH FREQUENCY CROSSOVER | 4900Hz |
| DRIVE COMPONENTS | Two-way system using one .75" (1.9cm) magnetically shielded, polymer dome compression driver tweeter with a 90° x 40° Tractrix® Horn and one 3.5" (8.9cm) magnetically shielded, poly cone woofer |
| SYSTEM CROSSOVER | Comm Sat network required |
| INPUT CONNECTORS | Pig tail wire attached |
| ENCLOSURE TYPE | Bass reflex via rear-mounted port |
| ENCLOSURE MATERIAL | Stone Mineral Compound |
| HEIGHT | 7.5" (19.1cm) |
| WIDTH | 4.25" (10.8cm) |
| DEPTH | 6.4" (16.2cm) |
| NET WEIGHT | 4 lbs. (1.8kg)/ each |
| SHIPPING WEIGHT | 8 lbs. (3.6kg)/ pair |
| FINISH | Black or White |
| MOUNTING | Comm Sat mount (optional) |

¹ 3M, Half-space anechoic
² AES Standard, continuous pink noise 50Hz-10kHz, 6dB peaks
³ Calculated at 1M half-space at power handling power input
⁴ SPL at 1M, half-space anechoic with 2.83V input



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As one of the subwoofer options, the compact CA-800-TSW is an all-purpose, indoor/outdoor passive model with an internal multi-tap transformer. This product delivers deep, driving sound through an 8-inch long excursion driver that has a high-temperature voice coil attached to an IMG (injection-molded graphite) cone that combines light weight, excellent rigidity, and water resistance. For easy wall or ceiling mounting, the CA-800-TSW comes with a heavy gauge zinc C-bracket assembly that attaches to threaded studs in the cabinet with oversized knobs, ensuring positive lock. An optional safety retainer allows for connection to a second mounting point, guarding against dislodging or tampering.

Also compact, the IC-SW-8T in-ceiling subwoofer option features a transformer-less design that delivers high-impact, robust bass. This model 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 woofer. While most subwoofers use a port to increase output, the IC-SW-8T employs a bandpass design that utilizes a passive radiator. This eliminates a lot of the distortion and minimizes turbulence that is often present in ported designs. The IC-SW-8T is shipped complete with a tilebridge for installation in a suspended ceiling or wherever additional reinforcement of the ceiling material is required.

SUBWOOFER OPTIONS CA-800-TSW



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|-------------------------------------|--|
| FREQUENCY RESPONSE ¹ | 51-135kHz ± 4dB -10dB 42Hz |
| POWER HANDLING ² | 150W (25V) |
| MAX CONTINUOUS OUTPUT ³ | 111dB |
| SENSITIVITY (2.83V/1M) ⁴ | 92dB |
| NOMINAL IMPEDANCE | 6 ohms (4 ohm min @92Hz) |
| CROSSOVER | 12dB/Octave low-pass, 150Hz |
| TRANSDUCERS | One 8" woofer with IMG cone |
| ENCLOSURE TUNING | Vented System via front firing ports |
| ENCLOSURE MATERIAL | All-weather ABS plastic, paintable |
| INPUT CONNECTORS | 4 point terminal strip |
| TRANSFORMER TAPS | 70V: 60W, 30W, 15W, 7.5W, 3.75W 100V: 60W, 30W, 15W, 7.5W |
| | Through Position: 8 ohms |
| HEIGHT | 11.125" (28.26cm) |
| WIDTH | 16.375" (41.53cm) |
| DEPTH | 12.313" (31.28cm) |
| WEIGHT | 20 lbs. (9.07kg) |

- 1 3M, half space anechoic
- 2 AES standard, continuous pink noise 50Hz-10kHz, 6dB peaks
- 3 Calculated at 1M at power handling power input
- 4 SPL at 1M, half-space anechoic with 2.83V input

IC-8T-SW



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|-------------------------------------|--|
| BANDWIDTH ¹ | 53-129Hz ± 4dB (-10dB 44Hz) |
| POWER HANDLING ² | 150W (27V @ 6 ohm input) |
| MAX CONTINUOUS OUTPUTS ³ | 111dB |
| SENSITIVITY ⁴ | 92dB @ 2.83 volts/1 meter |
| SWITCH TAPS | 4 ohm Mono position Thru Position: 4 ohm Mono or 8 ohm Stereo |
| TRANSFORMER | 70/100V Position- 60W/120W |
| NOMINAL IMPEDANCE | 6 ohms (4.85 minimum @145Hz) |
| LOW FREQUENCY CROSSOVER | N/A |
| DRIVE COMPONENTS | One 8" woofer and one 8" drone, Polypropylene cone |
| INPUT CONNECTORS | 4 point terminal strip |
| ENCLOSURE TYPE | Bandpass enclosure (drone loaded) |
| ENCLOSURE MATERIAL | Baffle: ABS Plastic, Can: Formed Steel |
| HEIGHT | 13.625" (34.6cm) |
| DIAMETER | 14.125" (35.9cm); 12.5" (cutout diameter) |
| NET WEIGHT | 23 lbs. (10.4 kg) |
| SHIPPING WEIGHT | 30 lbs. (13.6kg) |
| MOUNTING DEPTH | 11.25" (29.9cm) |
| FINISH | White |
| MOUNTING | Tilebridge (included) |

- 1 3M, Half-space anechoic
- 2 AES Standard, continuous pink noise 50Hz-10kHz, 6dB peaks
- 3 Calculated at 1M half-space at power handling power input
- 4 SPL at 1M, half-space anechoic with 2.83V input