

IL 60-CT

Enclosure design and mechanical appointments

The IL 60-CT's front cover is made of a white polymer with a metal grille insert. It is installed using clamping fixtures that are accessible from below.

The IL 60-CT weighs 1.2 kg. Its installation diameter is 18 cm and installation depth is 7 cm.



Electrical and acoustical data

The IL 60-CT is loaded with a 6.5" woofer and a 1" tweeter with neodymium magnets. Aligned in coaxial array, both drivers are controlled via an internal passive crossover with a crossover frequency of 3 kHz.

The IL 60-CT's power handling capacity is 40 watts RMS at 8 ohms impedance. It delivers 89 dB (1W/1m) SPL, measured under half-space conditions. Maximum SPL measured under the same conditions at a distance of one meter is 106 dB at 10% THD. Frequency re-

sponse ranges from 70 Hz to 20 kHz (± 3 dB). Consequently, the IL 60-CT is able to provide audio reinforcement for speech and background music without requiring a subwoofer.

The IL 60-CT is equipped with a built-in 100 V transformer providing five

power taps (1, 2, 4, 8, 15 W) that may be activated on demand.

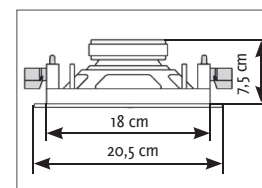
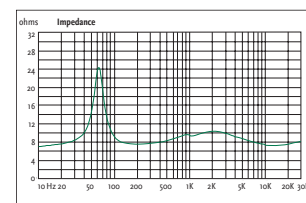
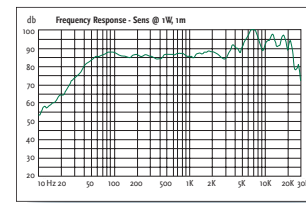
Technical data

Power handling nominal (RMS):	40 W
Power handling (program):	80 W
Power handling (peak, 10 ms):	120 W
100V transformer power taps:	1, 2, 4, 8, 15 W, Off
Impedance:	8 ohms
Frequency response (± 3 dB):	70 Hz to 20 kHz
Frequency response (-10 dB):	60 Hz to 20 kHz
Axial sensitivity (1W/1m, half-space):	89 dB
Maximum SPL (3 % THD, half-space)*:	104 dB
Maximum SPL (10% THD, half-space)*:	106 dB

Low/midrange frequency speaker:	6.5" woofer
High-frequency driver:	1" tweeter
Corner frequency, passive crossover:	3 kHz
Connectors:	1 terminal strip
Housing material:	polymer
Color:	white
Front cover:	metal grille
Mounting options:	ceiling mounts for 10 - 40 mm thick panels

Weight:	1.2 kg / 2.64 lbs.
Installation diameter:	18 cm / 7 1/16"
Installation depth:	7,5 cm / 2 3/4"

*) Based on half space conditions



IL 60-CTC

Enclosure design and mechanical appointments

The IL 60-CTC is housed in a metal tub. The front cover is made of a white polymer with a metal grille insert. It is installed using clamping fixtures

that are accessible from below. The IL 60-CTC weighs 1.7 kg. Its installation diameter is 18 cm and installation depth is 12.7 cm.



Electrical and acoustical data

The IL 60-CTC is loaded with a 6.5" woofer and a 1" tweeter with neodymium magnets. Aligned in coaxial array, both drivers are controlled via an internal passive crossover with a crossover frequency of 3 kHz.

The IL 60-CTC's power handling capacity is 40 watts RMS at 8 ohms impedance. It delivers 89 dB (1W/1m) SPL, measured under half-space conditions. Maximum SPL measured under the same conditions at a distance of one meter is 106 dB at 10% THD. Fre-

quency response ranges from 70 Hz to 20 kHz (± 3 dB). Consequently, the IL 60-CTC is able to provide audio reinforcement for speech and background music without requiring a subwoofer.

The IL 60-CTC is equipped with a built-in

100 V transformer providing five power taps (1, 2, 4, 8, 15 W) that may be activated on demand.

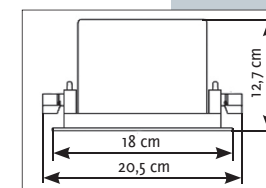
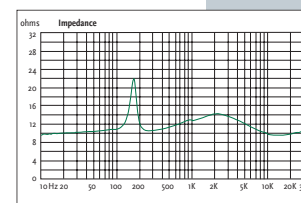
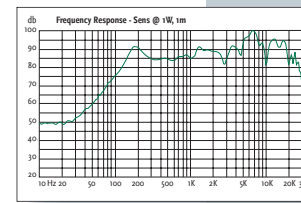
Technical data

Power handling nominal (RMS):	40 W
Power handling (program):	80 W
Power handling (peak, 10 ms):	120 W
100V transformer power taps:	1, 2, 4, 8, 15 W, Off
Impedance:	8 ohms
Frequency response (± 3 dB):	70 Hz to 20 kHz
Frequency response (-10 dB):	60 Hz to 20 kHz
Axial sensitivity (1W/1m, half-space):	89 dB
Maximum SPL (3 % THD, half-space)*:	104 dB
Maximum SPL (10% THD, half-space)*:	106 dB

Low/midrange frequency speaker:	6.5" woofer
High-frequency driver:	1" tweeter
Corner frequency, passive crossover:	3 kHz
Connectors:	1 terminal strip
Housing material:	metal
Color:	white
Front cover:	metal grille
Mounting options:	ceiling mounts for 10 - 40 mm thick panels

Weight:	1.7 kg / 3.74 lbs.
Installation diameter:	18 cm / 7 1/16"
Installation depth:	12.7 cm / 5"

*) Based on half space conditions



IL 80-CT

Enclosure design and mechanical appointments

The IL 80-CT's front cover is made of a white polymer with a metal grille insert. It is installed using clamping fixtures that are accessible from below.

The IL 80-CT weighs 1.4 kg. Its installation diameter is 22 cm and installation depth is 9.3 cm.



Electrical and acoustical data

The IL 80-CT is loaded with an 8" woofer and a 1" tweeter with neodymium magnets. Aligned in coaxial array, both drivers are controlled via an internal passive crossover with a crossover frequency of 3 kHz.

The IL 80-CT's power handling capacity is 60 watts RMS at 8 ohms impedance. It delivers 89 dB (1W/1m) SPL, measured under half-space conditions. Maximum SPL measured under the same conditions at a distance of one meter is 106 dB at 10% THD. Frequency

response ranges from 60 Hz to 20 kHz (± 3 dB). Consequently, the IL 80-CT is able to provide audio reinforcement for speech and background music without requiring a subwoofer.

The IL 80-CT is equipped with a built-in 100 V

transformer providing five power taps (1, 2, 4, 8, 15 W) that may be activated on demand.

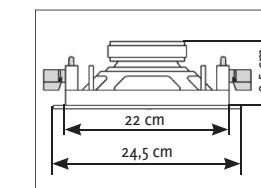
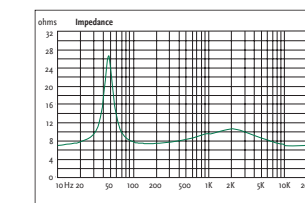
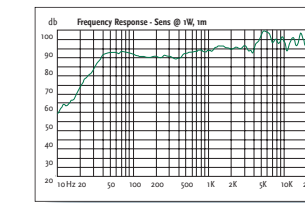
Technical data

Power handling nominal (RMS):	60 W
Power handling (program):	120 W
Power handling (peak, 10 ms):	180 W
100V transformer power taps:	1, 2, 4, 8, 15 W, Off
Impedance:	8 ohms
Frequency response (± 3 dB):	60 Hz to 20 kHz
Frequency response (-10 dB):	50 Hz to 20 kHz
Axial sensitivity (1W/1m, half-space):	89 dB
Maximum SPL (3 % THD, half-space)*:	104 dB
Maximum SPL (10% THD, half-space)*:	106 dB

Low/midrange frequency speaker:	8" woofer
High-frequency driver:	1" tweeter
Corner frequency, passive crossover:	3 kHz
Connectors:	1 terminal strip
Housing material:	polymer
Color:	white
Front cover:	metal grille
Mounting options:	Ceiling mounts for 10 - 40 mm thick panels

Weight:	1.4 kg / 3.08 lbs.
Installation width:	22 cm / 8 2/3"
Installation depth:	9.5 cm / 3 2/3"

*) Based on half space conditions



Architectural specifications

IL 6o-CT

This professional two-way ceiling-mount speaker is loaded with a 6.5" low/midrange speaker and a 1" tweeter calibrated to deliver balanced frequency response and clear, concise voice reinforcement. Featuring a white polymer cover and a protective front grille, it is easily and quickly installed.

The enclosure is equipped with an internal passive crossover that splits the signal at 3 kHz. Frequency response ranges from 70 Hz to 20 kHz (± 3 dB), with 89 dB axial sensitivity in the main direction of throw @ 1W / 1m under half-space conditions, and 106 dB maximum SPL at 10% THD under half-

space conditions. Nominal power handling is 40 watts RMS. Impedance is 8 ohms or as determined by the switchable 100 V transformer and five selectable power taps (1, 2, 4, 8, 15 W).

Connectors:
1 terminal strip
Dimensions (diameter x depth):
20.5 x 7.5 cm
8 1/16" x 2 3/4"
Weight:
1.2 kg/ 2.64 lbs.

Model:
HK AUDIO® IL 6o-CT

Item number:
• 183183

IL 6o-CTC

Housed in a metal chassis, this professional two-way ceiling-mount speaker is loaded with a 6.5" low/midrange speaker and a 1" tweeter calibrated to deliver balanced frequency response and clear, concise voice reinforcement. Featuring a white plastic cover and a protective front grille, it is easily and quickly installed.

The enclosure is equipped with an internal passive crossover that splits the signal at 3 kHz. Frequency response ranges from 70 Hz to 20 kHz (± 3 dB), with 89 dB axial sensitivity in the main direction of throw @ 1W / 1m under half-space conditions, and 106 dB maximum SPL at 10% THD under half-

space conditions. Nominal power handling is 40 watts RMS. Impedance is 8 ohms or as determined by the switchable 100 V transformer and five selectable power taps (1, 2, 4, 8, 15 W).

Connectors:
1 terminal strip
Dimensions (diameter x depth):
20.5 x 12.7 cm
8 1/16" x 5"
Weight:
1.7 kg/ 3.74 lbs.

Model:
HK AUDIO® IL 6o-CTC

Item number:
• 183193

IL 8o-CT

This professional two-way ceiling-mount speaker is loaded with an 8" low/midrange speaker and a 1" tweeter calibrated to deliver balanced frequency response and clear, concise voice reinforcement. Featuring a white polymer cover and a protective front grille, it is easily and quickly installed.

The enclosure is equipped with an internal passive crossover that splits the signal at 3 kHz. Frequency response ranges from 60 Hz to 20 kHz (± 3 dB), with 89 dB axial sensitivity in the main direction of throw @ 1W / 1m under half-space conditions, and 106 dB maximum SPL at 10% THD under half-

space conditions. Nominal power handling is 60 watts RMS. Impedance is 8 ohms or as determined by the switchable 100 V transformer and five selectable power taps (1, 2, 4, 8, 15 W).

Connectors:
1 terminal strip
Dimensions (width x depth):
24.5 x 9.5 cm
9 2/3" x 3 2/3"
Weight:
1.4 kg/ 3.08 lbs.

Model:
HK AUDIO® IL 8o-CT

Item number:
• 183203

Installation Line

ME ID: 1607 06/06

HK
AUDIO

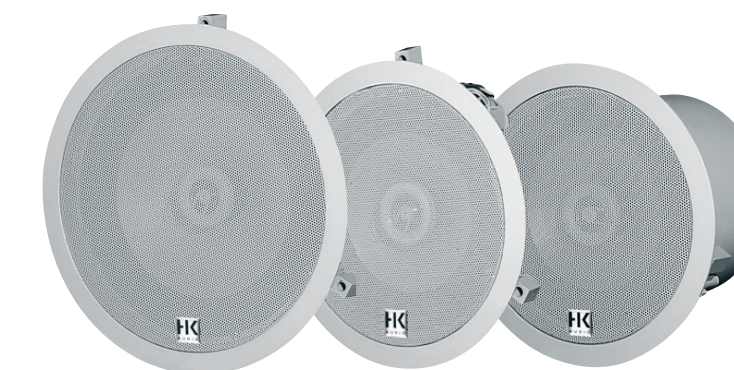
Install Sound

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IL 8o-CT

IL 6o-CT

IL 6o-CTC

Ceiling Speakers

Compact two-way ceiling-mount speakers designed for installation into ceilings. For background and near-field sound reinforcement in foyers, boutiques, bars, restaurants, shopping centers,

airports, train stations and so forth. Featured with a built-in passive crossover with a 100 V transformer offering selectable power taps, which may be activated from below once the speaker installed.

IL 8o-CT

60 W RMS, 8" + 1" Dome Tweeter, 8 ohms, built-in switchable 100 V transformer, max SPL 109 dB *, white polymer cover

IL 6o-CT

40 W RMS, 6.5" + 1" Dome Tweeter, 8 ohms, built-in switchable 100 V transformer, max SPL 106 dB *, white polymer cover

IL 6o-CTC

40 W RMS, 6.5" + 1" Dome Tweeter, 8 ohms, built-in switchable 100 V transformer, max SPL 106 dB *, white polymer cover