Enclosure design and mechanical appointments

The IL 60-CT's front cover The IL 60-CT weighs is made of a white poly1.2 kg. Its installation dimer with a metal grille ameter is 18 cm and ininsert. It is installed using stallation depth is 7 cm. clamping fixtures that are accessible from below.



Electrical and acoustical data

The IL 60-CT is loaded The IL 60-CT's power han-sponse ranges from 70 Hz power taps (1, 2, 4, 8, 15 W) with a 6.5" woofer and dling capacity is 40 watts to 20 kHz (±3 dB). Consethat may be activated on a 1" tweeter with neo- RMS at 8 ohms impe- quently, the IL 60-CT is demand. dymium magnets. Aligned dance. It delivers 89 dB able to provide audio reinin coaxial array, both driv- (1W/1m) SPL, measured forcement for speech and ers are controlled via an under half-space condibackground music without internal passive crossover tions. Maximum SPL requiring a subwoofer. with a crossover frequency measured under the same

conditions at a distance The IL 60-CT is equipped of one meter is 106 dB at with a built-in 100 V trans-10% THD. Frequency re- former providing five

Technical data

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

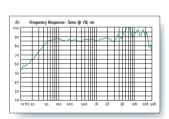
Maximum SPL (3 % THD, half-space)*: 104 dB Maximum SPL (10% THD, half-space)*: 106 dB

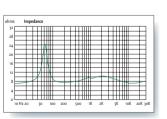
Low/midrange frequency speaker: 6.5" woofer High-frequency driver: ı" tweeter Corner frequency, passive crossover: 3 kHz Connectors: 1 terminal strip Housing material: Front cover: metal grille

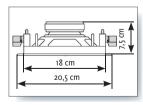
ceiling mounts for 10 - 40 mm thick Mounting options

1.2 kg / 2.64 lbs. Weight: 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 that are accessible from in a metal tub. The front below. The IL 60-CTC cover is made of a white weighs 1.7 kg. Its instalpolymer with a metal lation diameter is 18 cm grille insert. It is installed and installation depth is using clamping fixtures 12.7 cm.



Electrical and acoustical data

The IL 60-CTC is loaded The IL 60-CTC's power

with a 6.5" woofer and handling capacity is from 70 Hz to 20 kHz ing five power taps (1, 2, a 1" tweeter with neo- 40 watts RMS at 8 ohms (±3 dB). Consequently, 4, 8, 15 W) that may be dymium magnets. Aligned impedance. It delivers the IL 60-CTC is able to activated on demand. in coaxial array, both driv- 89 dB (1W/1m) SPL, ers are controlled via an measured under halfinternal passive crossover space conditions. Maxi- background music without with a crossover frequency mum SPL measured under requiring a subwoofer. the same conditions at a distance of one meter is The IL 60-CTC is

provide audio reinforcement for speech and

106 dB at 10% THD. Free equipped with a built-in

quency response ranges 100 V transformer provid-

Technical data

Power handling nominal (RMS): 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

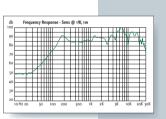
Low/midrange frequency speaker: 6.5" woofer High-frequency driver: 1" tweeter Corner frequency, passive crossover: 3 kHz Connectors: 1 terminal strip Housing material: metal Color: white Front cover: metal grille ceiling mounts for 10 - 40 mm thick

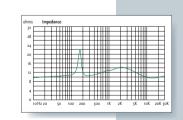
panels 1.7 kg/ 3.74 lbs. Installation diameter: 18 cm/ 7 1/16"

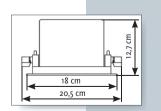
*) Based on half space conditions

Mounting options:

Installation depth:







IL 80-CT

Enclosure design and mechanical appointments

The IL 80-CT's front cover The IL 80-CT weighs is made of a white poly- 1.4 kg. Its installation mer with a metal grille width is 22 cm and instalinsert. It is installed using lation depth is 9.3 cm.

clamping fixtures that are accessible from below.



Electrical and acoustical data

The IL 80-CT is loaded a 1" tweeter with neo- RMS at 8 ohms impe- Consequently, the in coaxial array, both driv- (1W/1m) SPL, measured audio reinforcement for ers are controlled via an under half-space conspeech and background

internal passive crossover ditions. Maximum SPL music without requiring with a crossover frequency measured under the same a subwoofer. conditions at a distance

of one meter is 106 dB The IL 80-CT is equipped at 10% THD. Frequency with a built-in 100 V

white

panels

metal grille

Ceiling mounts for 10 - 40 mm thick

The IL 80-CT's power han-response ranges from with an 8" woofer and dling capacity is 60 watts 60 Hz to 20 kHz (± 3 dB). power taps (1, 2, 4, 8, 15 W) that may be activated on dymium magnets. Aligned dance. It delivers 89 dB IL 80-CT is able to provide demand.

Technical data

Power handling nominal (RMS): Power handling (program): 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):

Maximum SPL (3 % THD, half-space)*: 104 dB Maximum SPL (10% THD, half-space)*: 106 dB

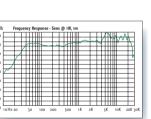
Low/midrange frequency speaker: High-frequency driver: ı" tweeter Corner frequency, passive crossover: 3 kHz Connectors: 1 terminal strip Housing material:

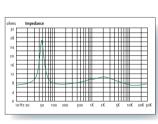
Front cover: Mounting options

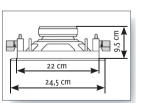
Color:

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

*) Based on half space conditions







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12.7 cm/5"

Architectural specifications

IL 60-CT

This professional two-way The enclosure is equipped space conditions. Nomi- Connectors: front grille, it is easily and 106 dB maximum SPL at quickly installed. 10% THD under half-

ceiling-mount speaker is with an internal passive nal power handling is 1 terminal strip loaded with a 6.5" low/ crossover that splits the 40 watts RMS. Impedance Dimensions (diameter x midrange speaker and a signal at 3 kHz. Frequency is 8 ohms or as deter-1" tweeter calibrated to response ranges from mined by the switchable 20.5 x 7.5 cm deliver balanced frequency 70 Hz to 20 kHz (± 3 dB), 100 V transformer and 8 1/16" x 2 3/4" response and clear, con- with 89 dB axial sensitivity five selectable power taps Weight: cise voice reinforcement. in the main direction of (1, 2, 4, 8, 15 W). Featuring a white polymer throw @ 1W / 1m under cover and a protective half-space conditions, and

1.2 kg/ 2.64 lbs.

HK AUDIO® IL 60-CT

Item number:

IL 60-CTC

Housed in a metal chas- The enclosure is equipped space conditions. Nomi- Connectors: cise voice reinforcement. throw @ 1W / 1m under front grille, it is easily and 10% THD under halfquickly installed.

sis, this professional two- with an internal passive nal power handling is 1 terminal strip way ceiling-mount speaker crossover that splits the 40 watts RMS. Impedance Dimensions (diameter x is loaded with a 6.5" low/ signal at 3 kHz. Frequency is 8 ohms or as determidrange speaker and a response ranges from mined by the switchable 20.5 x 12.7 cm 1" tweeter calibrated to 70 Hz to 20 kHz (± 3 dB), 100 V transformer and 8 1/16" x 5" deliver balanced frequency with 89 dB axial sensitivity five selectable power taps Weight: response and clear, conin the main direction of (1, 2, 4, 8, 15 W). Featuring a white plastic half-space conditions, and cover and a protective 106 dB maximum SPL at

1.7 kg/ 3.74 lbs.

HK AUDIO® IL 60-CTC

Item number: • 183193

IL 80-CT

front grille, it is easily and 106 dB maximum SPL at quickly installed. 10% THD under half-

This professional two-way The enclosure is equipped space conditions. Nomi- Connectors: ceiling-mount speaker is with an internal passive nal power handling is 1 terminal strip loaded with an 8" low/ crossover that splits the 60 watts RMS. Impedance Dimensions (width x midrange speaker and a signal at 3 kHz. Frequency is 8 ohms or as deter-1" tweeter calibrated to response ranges from mined by the switchable 24.5 x 9.5 cm deliver balanced frequency 60 Hz to 20 kHz (±3 dB), 100 V transformer and 9 2/3" x 3 2/3" response and clear, con- with 89 dB axial sensitivity five selectable power taps Weight: cise voice reinforcement. in the main direction of (1, 2, 4, 8, 15 W). Featuring a white polymer throw @ 1W / 1m under cover and a protective half-space conditions, and

Model: HK AUDIO® IL 80-CT

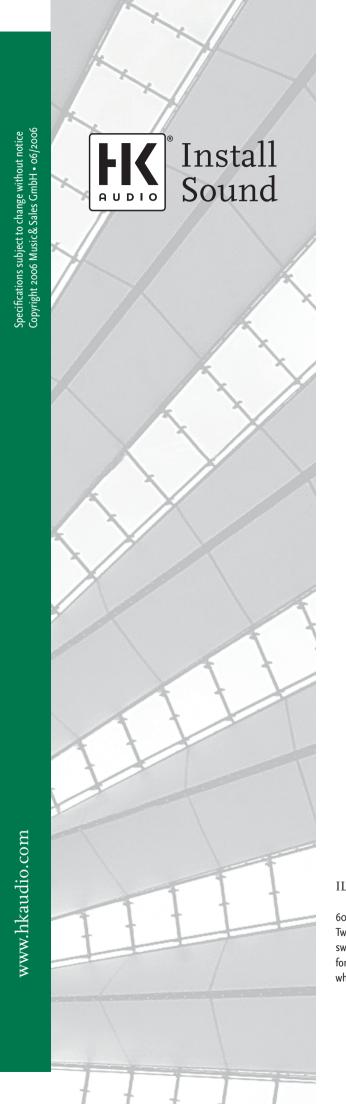
Item number: • 183203

1.4 kg/ 3.08 lbs.





MUSIC & SALES GmbH • Postfach 1509 • 66595 St. Wendel • Germany • info@hkaudio.com





IL 60-CT IL 60-CTC

Ceiling Speakers

Compact two-way ceiling- airports, train stations and reinforcement in foyers, taps, which may be acti-

mount speakers designed so forth. Featured with a for installation into built-in passive crossover ceilings. For background with a 100 V transformer and near-field sound offering selectable power boutiques, bars, restau- vated from below once the rants, shopping centers, speaker installed.

IL 80-CT

IL 60-CT

Tweeter, 8 ohms, built-in Tweeter, 8 ohms, built-in Tweeter, 8 ohms, built-in switchable 100 V trans- switchable 100 V trans- switchable 100 V transformer, max SPL 109 dB *, former, max SPL 106 dB *, former, max SPL 106 dB *,

IL 60-CTC

60 W RMS, 8" + 1" Dome 40 W RMS, 6.5" + 1" Dome 40 W RMS, 6.5" + 1" Dome white polymer cover white polymer cover white polymer cover

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