

PRO-SOUND CEILING LOUDSPEAKER

CCS6/T

The Bassreflex ceiling mount loudspeaker consists of a low-frequency chassis and an additional high-frequency driver.

The closed back allows for a bass reflex construction, which is reflected in the excellent reproduction of music. Atypical for 100V speakers is the extremely high sound reproduction and the balanced sound picture, which impresses with the first hearing.

Wherever powerful basses and clear heights are required to create the right atmosphere, this speaker is the first choice.

The performance can be adjusted without great effort with a selector switch below the front grille.



● Electrical

Rated power, watts	60
Tappings 100 volt line, watts	60/30/15/7.5
Transformer Impedance, ohms 100V	167/333/667/1.32k
Tappings 70.7 volt line, watts	30/15/7.5/3.75
Driver impedance, ohms	16
Effective Frequency Range, Hz (BSEN60268-5)	70-20.000
S.P.L. @ 1m, 1watt, dB, test signal bandwidth 100Hz - 10kHz	88
S.P.L. Full power, octave bandwidth, dB	104
Acoustic power (dB-PWL @ 1 watt) 1k/2k Hz, dB	88/93
Dispersion at 1k/2k Hz, Degrees	180/160
Directivity axial Q factor, 1k/2k Hz	2.3/6.90

● Environmental

IP-rating	n/a
Min/Max amb temp	-10°C to 55°C
Relative humidity	≤65%

● Mechanical

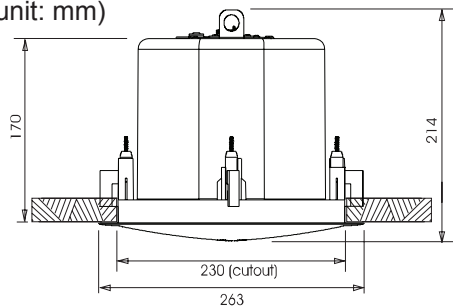
Dimensions, front and depth, mm	263x214
Net weight, kg	3.5
Colour/Finish	White
Material	Plastic Baffle ABS with UV Inhibitors
Cut-out, mm	Ø230
Mounting	Rotary Compression Clamp. Mounting Baffle available on request



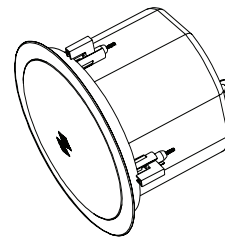
INSTALLATION GUIDE

CCS6/T

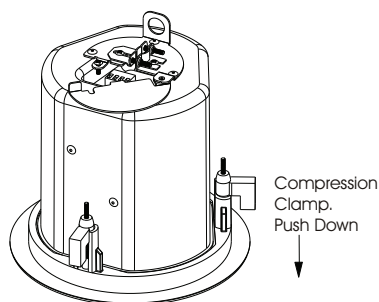
Side view
(unit: mm)



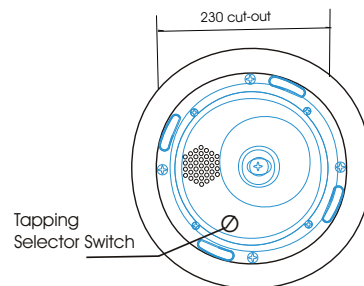
Isogonal view



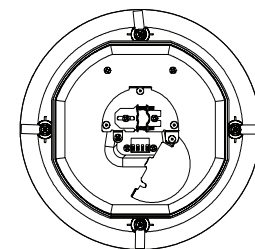
1) Cut a hole in the ceiling 230mm diameter



Side View



Front View with grille removed



Top View

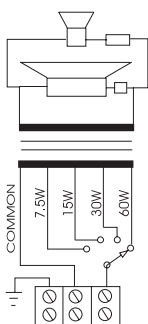
2) Remove the metal grille from the front of the loudspeaker by pushing all the rotary compression clamps down towards the grille.

3) Once the grille has been removed connect the 100 volt line input cable via the terminal block secured under the rotating cover shown below "A". To select the required wattage output use the tapping selector switch shown in the above drawing.

This unit is also available in low impedance (16 ohms) Model CCS6 and will be connected as above (the unit will be manufactured minus the 100 volt line transformer).

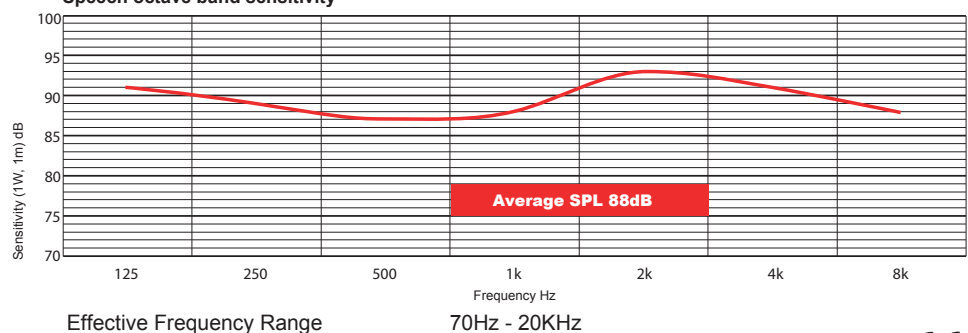
4) The loudspeaker is ready to be pushed up into the cutout prepared earlier. Ensure that all compression clamps are fully extended to allow for the ceiling thickness. Once the loudspeaker is in position use a cross headed screwdriver and turning it in a clockwise motion you will observe that the clamps will pull down and lock the loudspeaker into position. A mounting bridge baffle is available for thin ceilings as an optional extra.

5) On mounting the speaker replace the snap fit grille.



Circuit Diagram

Speech octave band sensitivity



Disclaimer: We reserve the right of changes and errors.



ATEIS Europe B.V.

Celsiusstraat 1, 2652 XN Lansingerland, Netherlands

Phone +31 (0)10 208 86 90, www.ateis-europe.com, info@ateis-europe.com

