

Specifications

FILTER TYPE

SLOPE

optional

4-pole, state variable

24 dB/octave

12 and 18 dB/octave

CROSSOVER FREQUENCIES

ACN 2C: 80, 160, 250, 330, 400, 500, 600, 660, 800, 840, 950, 1000, 1100, 1200, 1300 and 1400 Hz

ACN 2S: 40, 50, 60, 65, 75, 82, 90, 100, 110, 115, 125, 135, 140, 150, 160 and 165 Hz

ACN 3C: Lo-Mid; 80, 125, 170, 200, 250, 300, 350, 400, 440, 480, 530, 580, 620, 660, 700, and 7
Mid-Hi; 500, 800, 1000, 1300, 1600, 2000, 2300, 2500, 2800, 3000, 3300, 3700, 4000, 4300, 4600 and 4800 Hz

SUBSONIC SPEAKER PROTECTION

High-pass Filter at 40 Hz and 18 dB/octave

EQUALISATION

Low, Mid, and High Shelving Equalisation with boost at +12 dB max; adjustable on PC-board (see curves below)

INPUT

Max Input Level

0 dBu ref. 0.775 Vrms

20 dBu

Input Impedance;

active balanced

20 kohms

transformer balanced

optional

OUTPUT

Max Output Level

in 5 kohms

20 dBu

600 ohms

17 dBu

Gain, adjustable

±8 dBu

DISTORTION

TDH at 0 dBu,

summed outputs

0.02% typically

Dynamic Range

110 dB

FRONT PANEL

Gain Controls

ACN 2C/2S

(4) Low - High

ACN 3C

(6) Low - Mid - High

Mute Controls

ACN 2C/2S

4

ACN 3C

6

On Indicator

Green Led

REAR PANEL

Input Connectors

ACN 2C/2S

(2) XLR type, 3 pin female (pin 2+)

Output Connectors

ACN 3C

(4) XLR type, 3 pin male, pin 2 output

(6) XLR type, 3 pin male, pin 2 output

Power Supply

220 V - 110 V, 50-60 Hz

OVERALL DIMENSIONS

483 mm (19") W

× 44 mm (1¾") H

× 135 mm (5.3") D

APPROVALS

CE

SEMKO, DEMKO, NEMKO, FEMKO

Emission EN 55 103-1, E3

Immunity EN 55 103-2, E3, with S/N below 1% at normal operation Level.

Normal operation level 1/8 of full power or -9dB below clip point.

Safety EN 60 065, class I

LAB. GRUPPEN reserve the right to alter functions
or specifications without prior notice