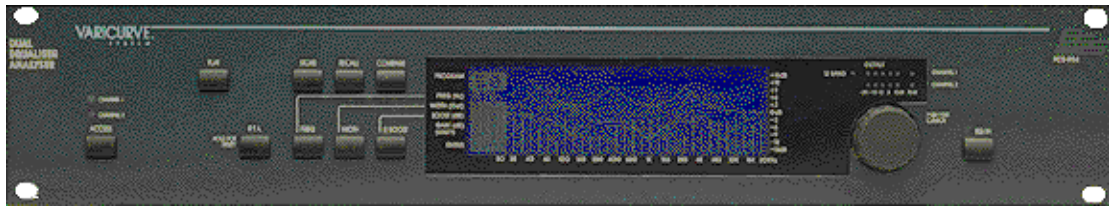


FCS-926/920



FCS-926/920

The Varicurve system offers a new generation of advanced parametric EQ processing and control elements, which can be individually or combined to suit any audio production environment. From a single stereo 6-band unit up to 32 channels of programmable equalisation, each processing element can be individually controlled via MIDI, SMPTE or radio remote control. Varicurve's multiband parametric equalisation creates a more accurate and sonically superior EQ contour than conventional manual programmable graphic equalisers. Custom, digitally controlled analogue filters provide a constant selectivity. Filter topology is structured to prevent unpredictable internal clipping for optimum flexibility and fidelity.

Varicurve features two separate channels of six-band parametric equalisation which can operate independently or as a stereo-linked pair. Intelligent stereo linking allows EQ offsets on either channel. MONO mode configures the system as a single twelve-band parametric equaliser. A single MIDI lead to an adjacent unit allows linked stereo band operation.

The FCS-926 VARICURVE
Dual Equaliser Analyser

The FCS-926 combines a digitally-controlled analogue parametric filter set with intuitive assignable controls, fully interactive graphic display and intelligent spectrum analyser.

The FCS-920 VARICURVE Slave

The FCS-920 is a 1U slave module with the same EQ processing facilities as the FCS-926, but with no front panel controls.

TECHNICAL SPECIFICATION

Input Section

IMPEDANCE

10k Ω , electronically balanced & RFI filtered

MAX INPUT LEVEL

+20dBu

INPUT CONNECTOR

XLR 3-31 or equivalent

INPUT CMRR

Better than 50dB, 50Hz to 15kHz

Optional transformer balancing

Output Section

OUTPUT

Electronically balanced & floating RFI filtered

MAX OUTPUT LEVEL

+20dBu into 600 Ω

OUTPUT CONNECTOR

XLR 3-32 or equivalent

See your local dealer or contact: BSS Audio, Linkside House, Summit Road, Potters Bar,
Hertfordshire EN6 3JB, United Kingdom.

Tel: +44(0)1707 660667 Fax: +44(0)1707 660755

<http://www.bss.co.uk>

USA Distribution: Harman Pro North America, 1449 Donelson Pike, Nashville TN 37217, USA.

Tel: (615) 399 2199 Fax: (615) 367 9046

FCS-926/920



System Performance

All filters set to Odd boost/cut, dual channel mode:

FREQUENCY RESPONSE
±0.5db. 20Hz to 20kHz

THD & NOISE
<0.01% 20Hz to 20kHz at +4dBu

CHANNEL SEPARATION
>85dB at 1kHz

OUTPUT NOISE
<-85dBu 22Hz to 22kHz

DYNAMIC RANGE
>105dB 22Hz to 22kHz

INPUT GAIN RANGE
±12dB in 0.5dB increments, plus OFF (MUTE)

Parameters

Six parametric filters per channel, each adjustable as:

FILTER BOOST RANGE
±15dB, in 0.5dB increments and notch

FILTER BANDWIDTH RANGE
0.1 to 2 octaves

FILTER FREQUENCY RANGE
20.7Hz to 20kHz

FILTER NOTCH DEPTH
-30dB typical

RTA Section

BANDS
30 on ISO centres

DETECTORS
Peak or true RMS

DECAY
0.1 to 5 sec and Infinite (10 sec in RMS mode)

SOURCE
Either input or output or mic

MIC INPUT
1K2Ω electronic balanced and phantom powered on XLR 3-31 or equivalent (mic optional)

Pink Noise Source

Electronically balanced driving -10dBu into 1kΩ or greater on XLR 3-32 or equivalent

Program Memories

EQ
50 per device

PRESET SYSTEM CONTOUR
6

RTA DISPLAY
6

External Control

MIDI IN, THRU, OUT
on 5pin 180deg DIN socket

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FCS-926/920



Power

VOLTAGE AC

40VA 50-60Hz 100 -132V or 200 - 264V,
selectable on rear panel.

Dimensions/Weight

UNIT, NETT (FSC-926)

2U, 88 x 483 x 288mm (3.5" x 19" x 11.3")

5.6kg

UNIT, NETT (FCS-920)

1U, 44 x 483 x 288mm (1.75" x 19" 11.3")

5.2kg

In keeping with our policy of continued improvement, BSS Audio, reserves the right to alter specifications without further notice. This product was designed developed and produced by BSS Audio, Hertfordshire, England.

A Harman International Company.

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