

GX110

ULTRAROC®

Technical Specifications

Version 1.1 August 2000

ENGLISH



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ULTRAROC

Ultra-flexible 30 Watt Guitar Workstation with Digital Multi-Effects Processor

- ▲ Powerful 30 Watt RMS Guitar Workstation with authentic VIRTUBE® tube simulation
- ▲ Original 35 Watt vintage 10" JENSEN guitar speaker model JCH10/35
- ▲ Two independent channels with separate volume controls and effects
- ▲ CLEAN channel delivers clean and slightly distorted tube-type sounds
- ▲ OVERDRIVE channel offers a broad range of modern crunch to high-gain sounds
- ▲ Classical 3-band EQ with that excellent sound
- ▲ 24-bit stereo multi-effects processor with extremely high-resolution 24-bit AD/DA converters
- ▲ 31 original VIRTUALIZER® and MODULIZER® presets with outstanding effects such as Reverb, Delay, Phaser, Chorus, Flanger, Pitch Shifter, Speaker Simulation, Rotary Speaker, Magic Drive, Compressor, Expander, Wah-Wah, Tube Emulator and various effect combinations
- ▲ 99 easy-to-edit user presets
- ▲ FX MIX parameter can be stored in each preset
- ▲ Adjustable AUX input for playback or other line-level signals (e.g. CD player, drum computer)
- ▲ Frequency-corrected line output for recording and live applications
- ▲ Insert facility for external effects devices (stomp boxes, wah-wah pedals, etc.)
- ▲ GX110 comes with footswitch FS112 for channel selection and effect bypass
- ▲ Complete MIDI implementation for channel and effect selection as well as real time control
- ▲ Master volume control and frequency-corrected stereo headphones output
- ▲ Additional 8 Ohm speaker output (built-in speaker is muted automatically)
- ▲ Extremely rugged construction ensures long life even under the most demanding conditions
- ▲ Robust power supply ensures excellent transient response
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUTS

Connector 1/4" mono jack

Type RF filtered input
Guitar input impedance approx. 1 M Ω unbalanced

Insert return

Connector 1/4" mono jack
Input impedance approx. 1 k Ω unbalanced

Aux input

Connector Cinch jacks
Input impedance approx. 10 k Ω unbalanced

AUDIO OUTPUTS

Insert send

Connector 1/4" mono jack
Type line level output
Output impedance approx. 100 Ω unbalanced

Aux output

Connector Cinch jacks
Output impedance approx. 100 Ω unbalanced
Max. output level +12 dBu unbalanced

LOUDSPEAKER OUTPUT

Connector 1/4" mono jack
Load impedance (nom.) 8 Ω

SYSTEM SPECIFICATIONS (Master Section)

Power amp output 30 Watts R.M.S. into 8 Ω

MIDI INTERFACE

Type 5-Pin-DIN-Socket, MIDI IN

DIGITAL PROCESSING

Converters 24-bit Sigma-Delta, 64/128-times oversampling
Sampling rate 46.875 kHz

DISPLAY

Type 2-digit numeric LED-Display

LOUDSPEAKER

Type 12" heavy-duty loudspeaker, model JENSEN JCH 10/35
Impedance 8 Ω
Power handling 35 Watts

POWER SUPPLY

Mains voltages USA/Canada 120 V ~, 60 Hz
U.K./Australia 240 V ~, 50 Hz
Europe 230 V ~, 50 Hz
General export model 100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz

Power consumption 50 Watts @ 35 Watts / 8 Ohms; 90 Watts max.

Fuse 100 - 120 V ~: **T 1.25 A H**
200 - 240 V ~: **T 630 mA H**

Mains connection Standard IEC receptacle

PHYSICAL

Dimensions (H * W * D) app.
14.8" (375.92 mm) * 16.54" (420.12 mm) * 8.04" / 9.66" (204.08/245.25 mm)
Weight app. 10.5 kg

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BEHRINGER Spezielle Studiotechnik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany

Tel. +49 (0) 21 54 / 92 06-0, Fax +49 (0) 21 54 / 92 06-30
