

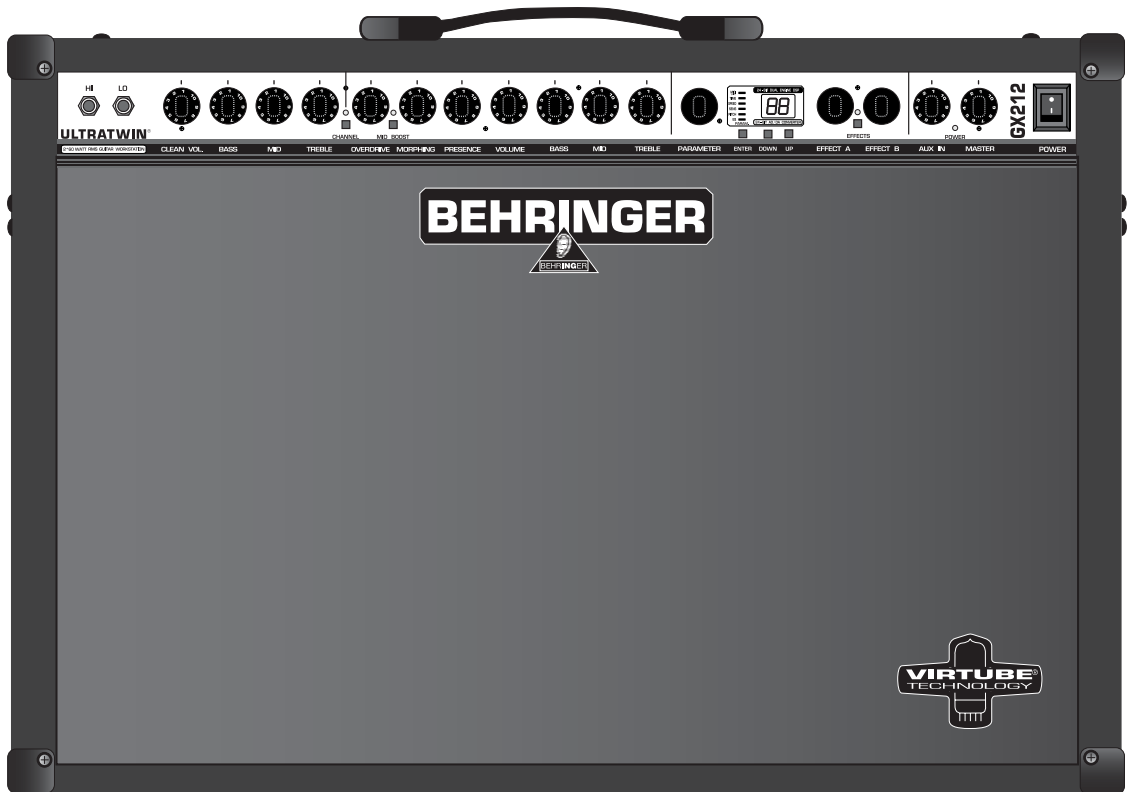
GX212

ULTRATWIN

Technical Specifications

Version 1.2 September 2002

ENGLISH



BEHRINGER



INSTRUMENT AMPLIFICATION

ULTRATWIN

Ultra-flexible 2 x 60 Watt Guitar Workstation with Digital Multi-Effects Processor

- ▲ Powerful 2 x 60 Watt RMS Guitar Workstation with authentic VIRTUBE tube emulation
- ▲ Two original 100 Watt heavy duty SHARK 12" guitar speakers model 12G100A
- ▲ Two independent channels with separate volume controls, EQ and effects
- ▲ CLEAN channel delivers clean and slightly distorted tube sounds
- ▲ OVERDRIVE channel offers a broad range, from modern crunch to high-gain sounds
- ▲ Unique Morphing control allows blending between various distortion characteristics
- ▲ Dedicated vintage-type 3-band EQ
- ▲ 24-bit stereo multi-effects processor with ultra-high resolution 24-bit AD/DA converters
- ▲ 31 original VIRTUALIZER/MODULIZER presets with world-class effects such as Reverb, Delay, Phaser, Chorus, Flanger, Pitch Shifter, Speaker Simulator, Rotary Speaker, Magic Drive, Compressor, Expander, Wah, Tube Emulator and various effect combinations
- ▲ 99 outstanding and easy-to-edit user presets
- ▲ Quasi-analog operation: three FX parameters per preset can be edited with dedicated controls
- ▲ Adjustable aux and tape input for playback or other line-level signals (e.g. CD player, drum computer, etc.)
- ▲ Frequency-corrected stereo line output for recording and live applications
- ▲ Additional speaker outputs
- ▲ Insert facility for external effects devices (stomp boxes, wah-wah pedals, etc.)
- ▲ Channel select and effect bypass footswitch FS112 included
- ▲ Complete MIDI implementation for channel and effect selection as well as real time control
- ▲ Master volume control and frequency-corrected stereo headphones output
- ▲ 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	
impedance	approx. 50 k Ω unbalanced
Aux input	
impedance	approx. 10 k Ω unbalanced
Slave input	
impedance	approx. 30 k Ω unbalanced
Tape input	
connector	RCA
impedance	approx. 10 k Ω unbalanced

AUDIO OUTPUTS

Connector	1/4" mono jack
Type	line level output
Insert send	
impedance	approx. 1 k Ω unbalanced
Line output	
impedance	approx. 100 Ω unbalanced
max. output level	+12 dBu unbalanced
Tape output	
connector	RCA
impedance	approx. 100 Ω unbalanced
max. output level	+12 dBu unbalanced

LOUDSPEAKER OUTPUTS

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

SYSTEM SPECIFICATIONS (power amplifier)

Power amp output	2 x 60 Watts RMS @ 5 % THD + N into 8 Ω ; 230 V ~
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MIDI INTERFACE

Type	5-pin-DIN-socket, MIDI IN
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DIGITAL PROCESSING

Converters	24-bit sigma-delta, 64/128-times oversampling
Sampling rate	46.875 kHz

DISPLAY

Type	2-digit numeric LED-display
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LOUDSPEAKER

Type	2 x 12" heavy duty loudspeaker, model SHARK 12G100A
Impedance	8 Ω
Power handling	100 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	app. 30 Watts min. / approx. 200 Watts max.	
Fuse	100 - 120 V ~ : T 3.15 A H	
	200 - 240 V ~ : T 1.6 A H	
Mains connection	standard IEC receptacle	

PHYSICAL

Dimensions (H * W * D)	app. 18.5" (469,9 mm) * 26.68" (677.6 mm) * 9.84" (250 mm)
Weight	app. 21.0 kg

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