

ULTRACOUSTIC

ACX1800

Technical Specifications

GB

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ULTRACOUSTIC

180-Watt 2-Channel Stereo Acoustic Instrument Amplifier with Dual FX and FBQ Feedback Detection

- ▲ Powerful 180-Watt, 2-channel stereo amplifier for acoustic instruments and vocals
- ▲ 2 original 8" BUGERA™ dual-cone speakers for ultimate sound reproduction
- ▲ 2 integrated, 24-bit digital FX processors each with 16 awesome effects programs including reverb, modulation, delay, and various effects combinations
- ▲ Revolutionary FBQ Feedback Detection System instantly reveals critical frequencies
- ▲ 2 dedicated instrument and microphone channels with separate Gain, Compressor and FX controls
- ▲ Individual 9-band graphic EQ on each channel for awesome sound shaping
- ▲ Dedicated Tuner switch per channel for use with external tuner such as BEHRINGER TU100, BTR2000, etc.
- ▲ Switchable Phase correction on Channel 1 and Master for feedback prevention
- ▲ Instrument and mic FX Inserts for external effects devices (stomp boxes, rack effects, etc.)
- ▲ CD input allows you to play along to your favorite music
- ▲ Balanced stereo XLR Line Out with Ground Lift switch for direct connection to your mixing console
- ▲ Dual footswitch FS112 for FX 1 & 2 bypass included
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany



ACX1800

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SPECIFICATIONS

ACX1800	
AUDIO INPUTS	
INSTRUMENT IN	¼" TS unbalanced
Input Impedance	10 MOhm
MIC IN	XLR balanced
Input Impedance	4 kOhm
LINE IN	¼" TRS balanced
Input Impedance	40 kOhm
INST INSERT RETURN	¼" TS unbalanced
Input Impedance	220 kOhm
MIC INSERT RETURN	¼" TS unbalanced
Input Impedance	220 kOhm
CD input	RCA
Input Impedance	>10 kOhm
AUDIO OUTPUTS	
LINE OUT	XLR balanced
Output Impedance	4.3 kOhm
Max. output level	>24 dBu
INST INSERT SEND	¼" TS unbalanced
Output Impedance	100 Ohm
Max. output level	>18 dBu
MIC INSERT SEND	¼" TS unbalanced
Output Impedance	100 Ohm
Max. output level	>18 dBu
TUNER OUT	¼" TS unbalanced
Output impedance	33 kOhm
Max. output level	>6 dBu
SYSTEM SPECIFICATIONS	
Power rating	2 x 90 / 2 x 4 Ω
DIGITAL PROCESSING	
Converters	24-bit sigma-delta, 64/128-times oversampling
Sampling rate	40 kHz
LOUDSPEAKERS	
Type	2 x 8"
Model	BUGERA™ dual cone speakers
Impedance	4 Ohm
Power handling	60 W
POWER SUPPLY	
Mains voltage	USA/Canada 120 V~, 60 Hz
	Europe/U.K./Australia 230 V~, 50 Hz
	Japan 100 V~, 50 - 60 Hz
	China/Korea 220 V~, 50 Hz
	General Export model 120/230 V~, 50 - 60 Hz
Power consumption	max. 265 W
Fuses 100 - 120 V~	T 6.3 A H 250 V
Fuses 200 - 240 V~	T 3.15 A H 250 V
Mains connection	Standard IEC receptacle
DIMENSIONS AND WEIGHT	
Dimensions (H x W x D)	427 x 526 x 242 mm
	16.8 x 20.7 x 9.5"
Weight	40.6 lbs (18.4 kg)

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Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany.
Tel. +49 2154 9206 0, Fax +49 2154 9206 4903