K450FX

ULTRATONE

Specifications

Version 1.1   April 2006

BEHRINGER®
JUST LISTEN.

ULTRATONE

Ultra-Flexible 45-Watt 3-Channel PA System / Keyboard Amplifier with FX and FBQ Feedback Detection

▲ Ultra-flexible 45-Watt 3-channel PA System / Keyboard Amplifier

▲ Powerful 10" BUGERA™ speaker for ultimate sound reproduction

▲ Integrated 24-bit digital FX processor with 100 awesome presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects

▲ Revolutionary FBQ Feedback Detection System instantly reveals critical frequencies

▲ Full 3-channel operation with separate Volume and FX Send per channel

▲ Additional XLR mic input on Channel 1 for direct connection of dynamic microphones

▲ Dedicated 5-band graphic EQ for awesome sound shaping

▲ Line output for direct connection to your mixing console

▲ Main section with FX Return level and Master Volume

▲ Subwoofer output for ultimate low-end power

▲ CD input allows you to play along to your favorite music

▲ Separate headphone output—perfect for quiet practicing

▲ Integrated 35-mm pole socket for stand mounting and use as PA System

▲ High-quality components and exceptionally rugged construction ensure long life

▲ Conceived and designed by BEHRINGER Germany

SPECIFICATIONS

AUDIO INPUTS	
Line In 1 - 4	1/4" TS connector
Input impedance	approx. 30 kΩ balanced
Stereo Link In	1/4" TS connector
Input impedance	approx. 20 kΩ unbalanced
CD In/Aux In	RCA connector
Input impedance	approx. 20 kΩ unbalanced
Mic In 1	XLR connector
Input impedance	approx. 2 kΩ balanced
AUDIO OUTPUTS	
Headphones connector	1/4" TRS connector
Line Out	1/4" TS and XLR connector
Output impedance	1/4" TS connector: approx.150 Ω unbalanced XLR connector: approx. 300 Ω balanced
Stereo Link Out	1/4" TS connector
Output impedance	approx. 150 Ω unbalanced
Sub Out	1/4" TS connector
Output impedance	approx. 150 Ω unbalanced
EQUALIZER	
Type	Graphic EQ with FBQ Feedback Detection
Frequency range	63 Hz / 250 Hz / 1 kHz / 3.5 kHz / 12 kHz
Bandwidth	2/3-oct.
Control range	+12 to -12 dB
DIGITAL EFFECTS PROCESSOR	
Converters	24-bit sigma-delta, 64/128-times oversampling
Sampling rate	40 kHz
SYSTEM SPECIFICATIONS	
Power amp output	45 Watts
LOUDSPEAKER	
Type	10" BUGERA™ speaker
Input impedance	4 Ω
POWER SUPPLY	
Mains voltage	USA/Canada 120 V~, 60 Hz U.K./Australia 230 V~, 50 Hz Europe 230 V~, 50 Hz China/Korea 220 V~, 50 Hz Japan 100 V~, 50 - 60 Hz
General export model	120/230 V~, 50 - 60 Hz
Power consumption	approx. 75 Watts
Fuse	100 - 120 V~: **2.5 A H** 250 V
	220 - 240 V~: **1.25 A H** 250 V
Mains connection	Standard IEC receptacle
DIMENSIONS/WEIGHT	
Dimensions	approx. 419 mm (16 1/2") x 441 mm (17 3/8") x 299 mm (11 3/4")
Weight	approx. 14.6 kg (32.19 lbs.)