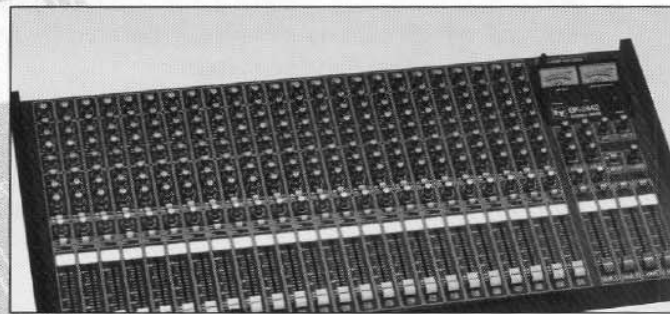
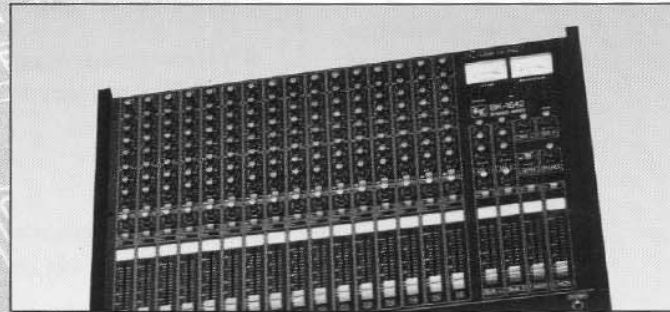
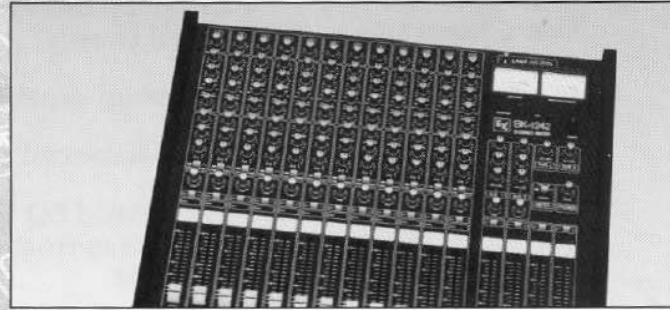
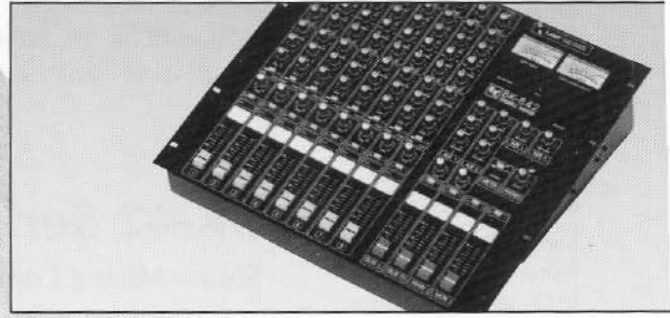




BK-42 SERIES





BK-42 SERIES

The BK-42 series is the newest generation of BK mixers. The new mixers are a performance and feature upgrade of the phenomenally successful original BK-32 series. Available in 8-, 12-, 16- and 24-channel configurations, the BK-42 offers the flexibility, sonic quality and road-worthiness demanded by today's audio professional.

New features include three-band EQ with sweep-mid from 300 Hz to 5 kHz, servo-balanced outputs, 100-mm faders, stereo tape returns, mechanical VU meters with peak LED's and rugged (steel and structural foam) chassis.

The PFL-to-meter feature makes it possible to monitor the pre-fader signal from any channel, auxiliary, subgroup, main or monitor through the right channel VU meter. The universal transformer enables the BK-42 to be used anywhere in the world via external switch.

Another outstanding feature is the "hum-bucking ground design," which eliminates noise generated by other equipment or the power and lighting system.

BK-42 Series

Stereo Mixing Consoles

- Rugged (steel and structural foam) chassis
- Subgroup capability
- Servo-balanced outputs
- Three-band EQ with mid-sweep from 300 Hz to 5 kHz
- Three-year warranty
- High-performance mechanical VU meters with peak indicators

Frequency Response, Mic Input to Any Output, EQ Flat, All Faders Nominal:

20-20,000 Hz ± 1 dB

Total Harmonic Distortion:

<0.05% at +4 dBu, 20-20,000 Hz
<0.10% at +24 dBu, 20-20,000 Hz

Hum and Noise, Measured with a DIN Audio Filter (20-20,000 Hz):

-128 dBu EIN-equivalent input noise, mic input terminated 150 Ω . Mixer signal-to-noise ratio measured with masters at nominal and all inputs off: 79 dB

Crosstalk:

-65 dB typical at 1 kHz, adjacent inputs to outputs.
-40 dB minimum, all combinations 20-20,000 Hz

Maximum Voltage Gain:

86 dB — MIC IN to MAIN OUT
75 dB — MIC IN to SUB, and MONITOR OUT
60 dB — LINE IN to MAIN OUT
50 dB — LINE IN to SUB, and MONITOR OUT

Microphone Inputs:

Low impedance, balanced—pin 2 referenced positive
Maximum input level: +6 dBu (1.5 V)
Input impedance at 1 kHz: 4,400 Ω
Common-mode rejection ratio, typical: -75 dB
Minimum, 20-20,000 Hz: -55 dB

Line Inputs:

High impedance, balanced tip positive
Maximum input level: +24 dBu (12 V)
Input impedance: 60 k Ω

Input Channel Equalization:

± 15 dB shelving at 100 Hz
 ± 15 dB peak/dip sweeping from 300-5,000 Hz
 ± 15 dB shelving at 10 kHz

Peak Indicator Threshold:

+16 dB on input channel (4 dB before clipping)
+14 dBu on VU meter (10 dB before clipping)

VU Meter Calibration:

0 VU = +4 dBu (1.228 V)

Headphone Output:

Output 20 mW into 8 Ω .
Frequency response: 50-15,000 Hz ± 2 dB

Lamp Connector:

12 V ac 375 mA maximum

Phantom Power:

48 V dc at pin 2 and 3 on mic connector, 6.8 Ω source impedance

Power Requirements:

100, 120, 220 or 240 V ac 50/60 Hz, 40 watts (120 V ac)

PFL (pre-fader listen):

Switchable for input and output channels

Aux 2 Send (input channels):

Switchable pre- or post-fader

BK-842, Dimensions (hwd):

5.5 in. [(14 cm) sloping to 2.25 in.] x 19 in. (48 cm) x 17.5 in. (44.5 cm)
Removable connector panel for rack (back-mounted) or tabletop (top-mounted)
Shipping weight: 33 lb (15 kg)

BK-1242, Dimensions (hwd):

5.5 in. [(14 cm) sloping to 2.25 in.] x 23.75 in. (60.3 cm) x 20.5 in. (52 cm)
Shipping weight: 41 lb (18.6 kg)

BK-1642, Dimensions (hwd):

5.5 in. [(14 cm) sloping to 2.25 in.] x 28.75 in. (73 cm) x 20.5 in. (52 cm)
Shipping weight: 49 lb (22 kg)

BK-2442, Dimensions (hwd):

5.5 in. [(14 cm) sloping to 2.25 in.] x 39 in. (99 cm) x 20.5 in. (52 cm)
Shipping weight: 63 lb (28.6 kg)



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