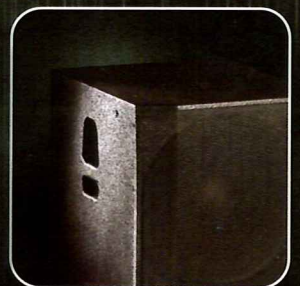
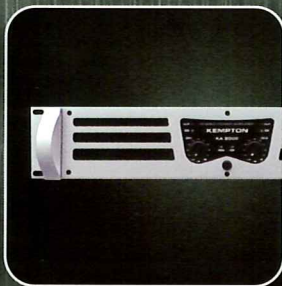


KEMPTON

by **FBT**



Quality Sound Production

series

ME

MIXERS

APPLICATIONS

Music Production, Home Recording, Live Sound, Theatres, Clubs, Discos, Pianobars, Houses of Worship, Schools, Conference, Foreground Music, Public Address

Kempton's new ME mixer series are designed in Italy by FBT and provide first-grade audio

quality,

versatility and

signal processing capability.

The ME 8-2 is the ideal choice for small

music production and home recording

applications, live sound applications, offering sonic quality

that will satisfy all sound tastes, amazing flexibility and

ease of use. For applications requiring up to 24 channels

the ME18-3 and the ME 24-5 offer a stunning sound capable

to control a complex live performance with no compromise

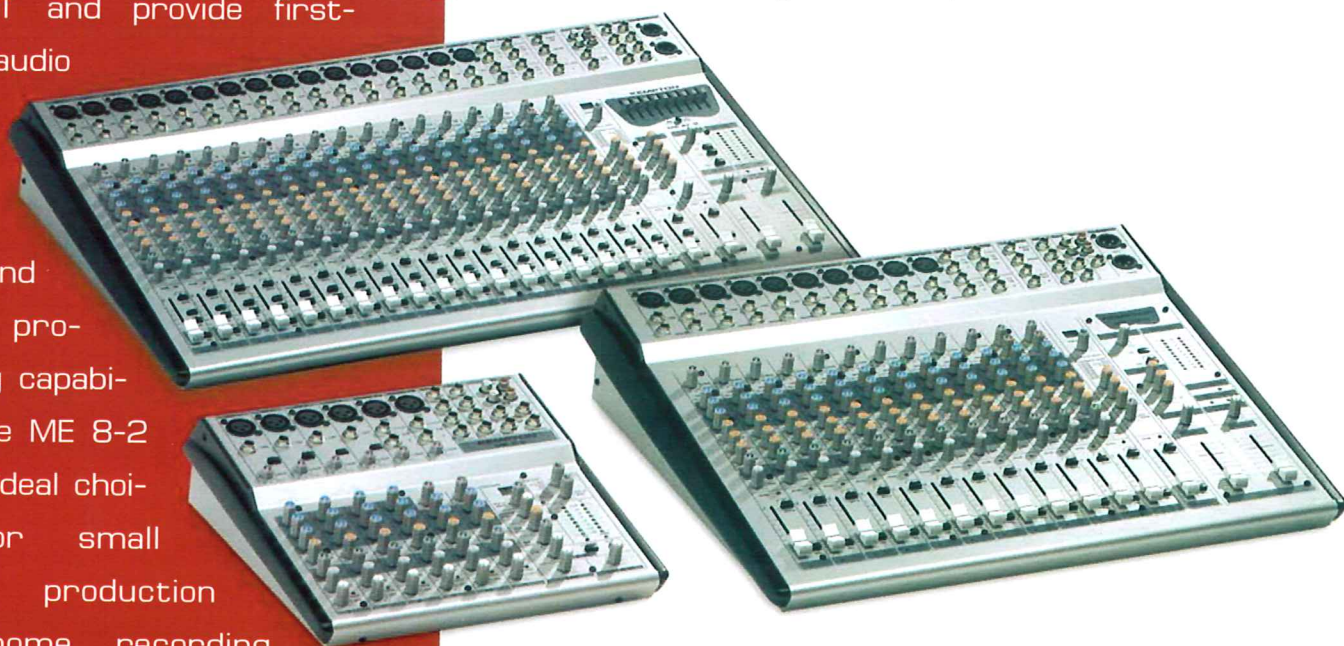
in sonic quality and dependability.

All ME mixers feature Kempton's keen manufacturing,

performance and value-for-money and are configured

for desktop use with all audio connectors conveniently located

on the top panel.



Channels

The ME 24-5 has 16 mono (ME 18-3 has 10 mono) mic/line channels and 2 stereo channels, where each can receive 2 extra stereo inputs with separate volume control.

The ME 8-2 has 4 mono mic/line channels and 2 stereo channels.

Gain trim covers a wide 0dB ~ 60dB range for microphone input, and -45dB ~ +15dB for line input. Peak led indicator is also provided.

HPF Filter

Each mono input channel is equipped with a 75Hz 18dB/oct high-pass filter to clean up the mix and reduce popping.

Input Connections

Balanced XLR and jack connectors are provided on all mono inputs. Stereo jack connectors are provided for the stereo channels. All mono channels feature Insert I/O patch points. A separate stereo 2-TRK input with pin-jack connectors is provided for independent input of stereo signals for rec/play.

Low noise Mic Preamps

All mic preamps in the ME series are of high quality. They offer low noise, clear amplification with dynamic or condenser microphones.

Switchable Phantom Power

All mic preamps feature switchable +48V phantom power for condenser microphones.

Equalization

All mono and stereo channels of the ME 24-5 and ME 18-3 feature 3-band equalizers with shelving type High and Low, peaking type Mid. ME 8-2 has 3-band equalizers on the mono channels and 2-band (High/Low) on the stereo channels. ME 24-5 is equipped with a 9-band graphic equalizer +/-15dB.

Auxiliaries

The ME 24-5 offers 5 x AUX (4 pre / 1 post). The ME 18-3 has 4 x AUX (3 pre / 1 post). The ME 8-2 offers 2 x AUX (1 pre / 1 post).

Digital Effects

The ME series is equipped with a high performance digital signal processing to enhance the mixing with 99 varieties of effects grouped in a bank of 10, including Echo, Echo+Verb, Tremolo, Plate Chorus, Vocal, Rotary, Small Room, Flange+Verb, Large Hall.

The internal effect board can be muted when inserting an external effect device.

Outputs

In addition to the L/R balanced XLR outputs (jack on ME 8-2), ME 24-5 and 18-3 are provided with 2-TRK outputs, footswitch, phones, control room, mono outputs. ME 24-5 has also sub output of the Sub 1-2 groups. ME 8-2 features phones, control room, footswitch.

Reliable 60mm Faders

ME 24-5 and 18-3 are provided with smooth, noise-free 60mm faders. PFL and Mute switches are equipped with status leds

ME 8-2

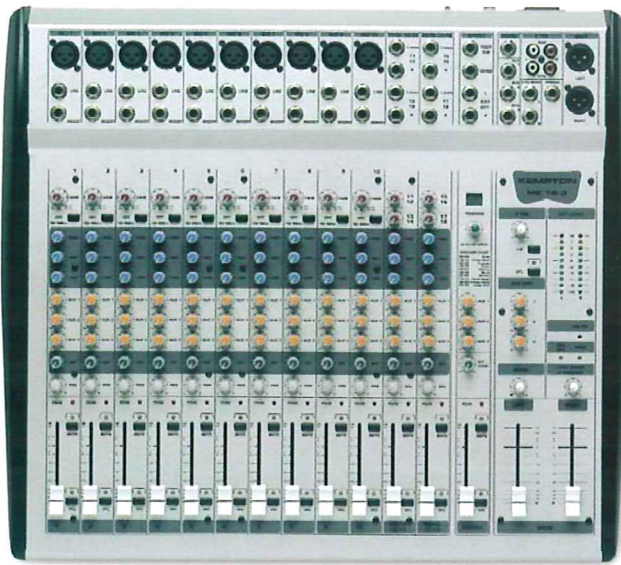
- > 4 mono microphone/line channels
- > L/R outputs
- > HPF- 75Hz 18dB/oct high-pass filter
- > Peak led indicator of channel saturation
- > 2 Auxiliaries (1 pre / 1 post)
- > 2 XLR and jack stereo channels also to connect 1 microphone; both with separate volume
- > +48V phantom power supply
- > 3-band equalizers on mono channels: High and Low (shelving), Mid (peaking)
- > 2-band equalizers on stereo channels: High and Low (shelving)
- > Built-in Digital Effect Processor with 99 effects and possibility of mute when connecting an external effect
- > 2-TRK IN/OUT through pin-jack for record/play assignable on Main and Control Room outputs
- > Phones output with volume and Control Room
- > Electronically balanced L/R jack outputs
- > Rotary potentiometers
- > High quality electro-mechanic components
- > Built-in mains power supply



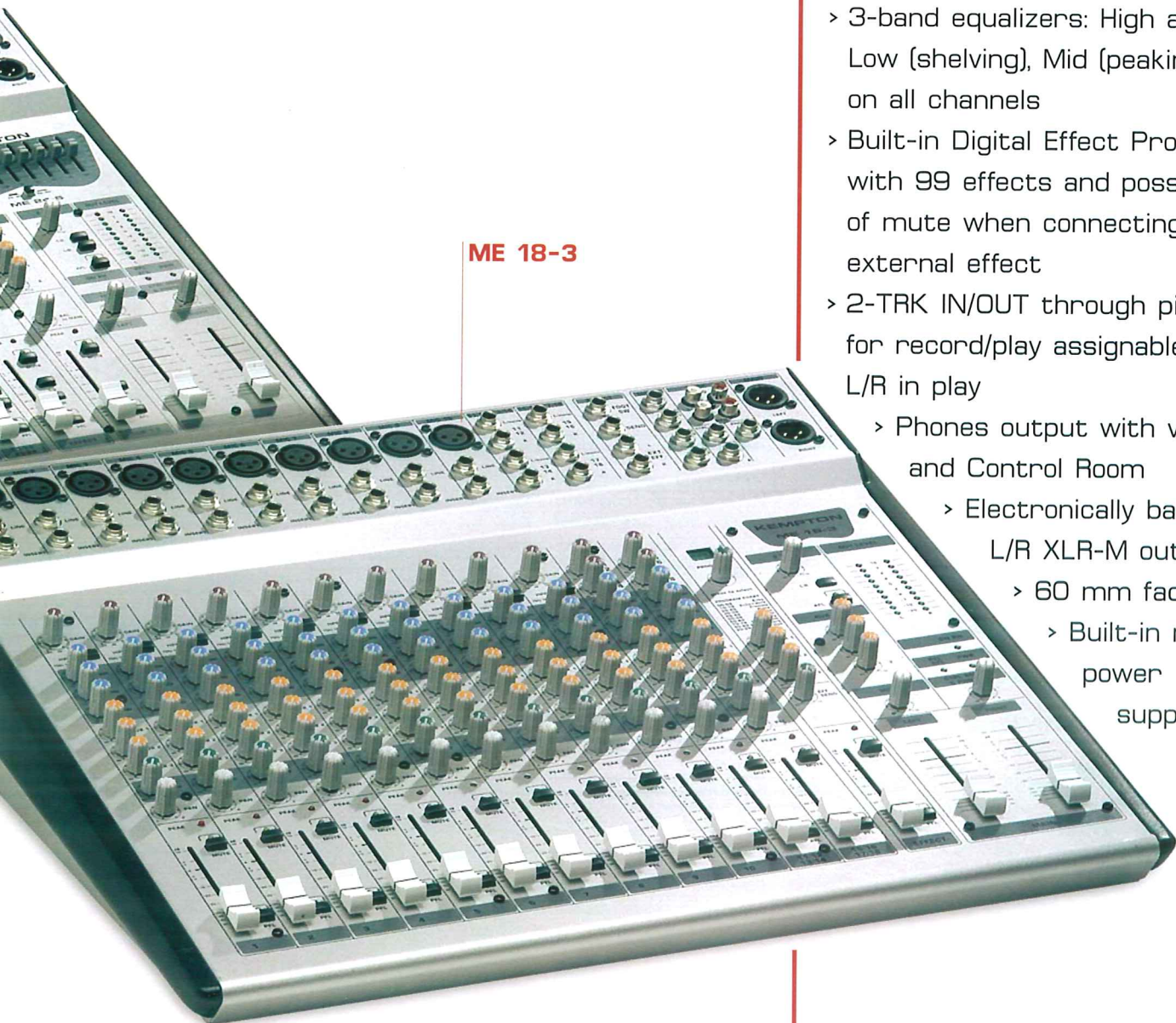
Model	ME series	
Freq. response (20Hz-20KHz)	mic input (+ 40 dB gain) on main output	-1/-1 dB
	line input (0 dB gain) on main output	-1/-1 dB
Distortion (1KHz, 16 dBu main out)	THD + Noise (mic + 40 dB gain)	0.01%
	THD + Noise (line 0 dB gain)	0.015%
CMRR (1KHz)	micro (+ 40 dB gain)	better 65 dB
Crosstalk (1KHz)	adjacent channel	- 85 dB
	mute shutoff (fader 0 dB mark)	- 88 dB
	fader shutoff (shutoff)	- 82 dB
Noise (22Hz-22KHz Bandwidth)	EIN (150 Ohm source, + 60dB gain)	- 128 dB
	residual output noise (main out, all levels off)	- 90 dBu
	main mix noise (all channel routed mix, fader 0dB mark,muted)	- 82 dBu
Equalization (mono channel, +/- 15dB gain)	High	Shelving 12KHz
	Mid	Peak 2.5KHz
	Low	Shelving 80Hz
Equalization (stereo channel, +/- 15dB gain)	High	Shelving 12KHz
	Mid	Peak 2.5KHz (except ME 8-2)
	Low	Shelving 80Hz
Max Input Levels	micro	+ 24 dBu
	tape	+ 18 dBu
	line, stereo	+ 18 dBu
Rated outputs (all output)		+ 0 dBu
Max output		+ 24 dBu
Input impedance	micro	2KOhm bal
	line	20KOhm bal
	stereo	10KOhm bal
	insert in	min 4KOhm
Output impedance	main,aux,group	600Ohm
	direct out	600Ohm
	insert out	600Ohm
	headphones	min 32+32 Ohm
Digital Effects Processor	Yes	
	frequency response(20-20KHz)	- 3dB
	number of effects	99
Power Supply	Available for 110-120VAC or 220-240VAC, 50/60Hz	
Dimensions (WxHxD)	ME 24-5	700x120x457 mm / 27.55x4.72x17.99 inch
	ME 18-3	510x120x457 mm / 20.07x4.72x17.99 inch
	ME 8-2	280x88x286 mm / 11.02x3.46x11.25 inch
Weight	ME 24-5	11 Kg / 24.25 Lb
	ME 18-3	7.8 Kg / 17.19 Lb
	ME 8-2	2.6 Kg / 5.73 Lb



ME 18-3



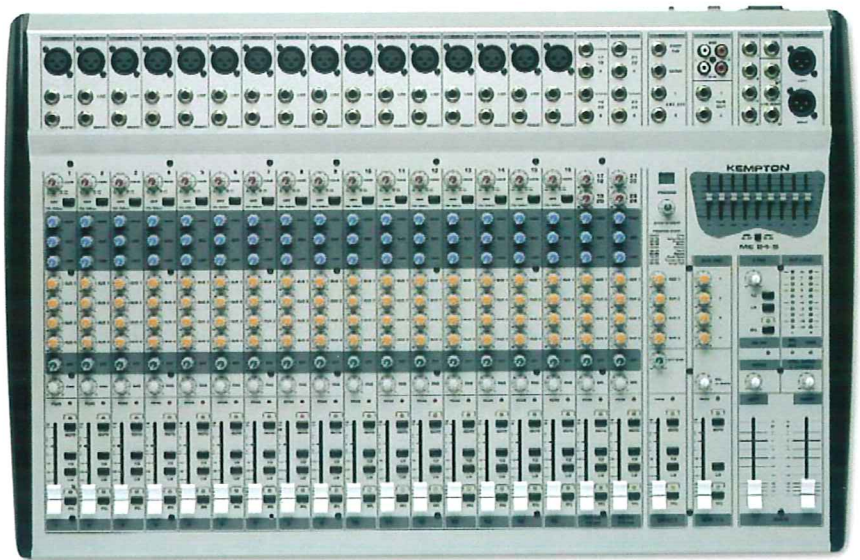
ME 18-3



- > 10 mono microphone/line channels
- > L/R and Mono outputs
- > HPF- 75Hz 18dB/oct high-pass filter
- > Peak led indicator of channel saturation
- > Mute, PFL/AFL on all channels
- > 4 Auxiliaries (3 pre / 1 post)
- > 2 stereo channels where each can receive 2 extra stereo inputs with separate volume control
- > +48V phantom power supply
- > 3-band equalizers: High and Low (shelving), Mid (peaking) on all channels
- > Built-in Digital Effect Processor with 99 effects and possibility of mute when connecting an external effect
- > 2-TRK IN/OUT through pin-jack for record/play assignable on L/R in play
 - > Phones output with volume and Control Room
 - > Electronically balanced L/R XLR-M outputs
 - > 60 mm faders
 - > Built-in mains power supply

ME 24-5

- > 16 mono microphone/line channels
- > L/R and Mono outputs
- > Sub 1-2 and L/R channel assignment
- > HPF- 75Hz 18dB/oct high-pass filter
- > Peak led indicator of channel saturation
- > Mute, PFL/AFL on all channels
- > 5 Auxiliaries (4 pre / 1 post)
- > 2 stereo channels where each can receive 2 extra stereo inputs with separate volume control
- > +48V phantom power supply
- > 3-band equalizers: High and Low (shelving), Mid (peaking), on all channels
- > 9-band graphic equalizer +/-15dB
- > Built-in Digital Effect Processor with 99 effects and possibility of mute when connecting an external effect
- > 2-TRK IN/OUT through pin-jack for record/play assignable on L/R in play
- > Phones output with volume and Control Room
- > Electronically balanced L/R XLR-M outputs
- > 60 mm faders
- > Built-in mains power supply



ME 24-5

If your application requires channel capability to control microphones, stereo keyboards, direct-injection feeds, drums, and much more, the ME 24-5 is the ideal working tool that will easily handle the most ambitious sound reinforcement setups.