

DJ mixers – an overview of the various types and functions

In the artistic scene, mixers serve, per definition to join various signals, either audio or video. Surely many have seen the meter-long mixers in recording studios or at live events. Here only the special audio mixers will be introduced and explained. Their distinctive features correlate with respect to the area of operation, in other words designed for DJ requirements. But what exactly are the requirements and which devices can fulfill these needs?

DJ-mixers aren't nearly as large as the studio versions of course, since DJs usually get by with two turntables, a headset and a microphone. The number of channels diminishes then

dramatically in comparison and levels off at about three or four channels. The most important tools are the crossfaders, which allow a blending of the audio sources: tools of the trade for DJs. However, since each DJ has his or her own preferences, there are diverse features, in addition to normal faders – volume controls for each channel – and crossfaders which come into play. For clarification, the following offers a short overview of the most important mixer types and their functions.



An overview of the most commonly used DJ-Mixers:

Minimixer:

Actually intended for beginners and equipped with only the bare essentials. Great for the small budget.

Battle mixer:

Characteristic for these compact and also modestly equipped mixers are the short distances for the crossfader: ideal conditions for scratching, for example.

Club mixer:

Now we've come to a more sophisticated category. These professional mixers are well constructed and can withstand the strain of disco deployment without problems. Possibly more channels. The sound is clearly better.

Future mixer:

Simply said, the mixer with additional sound effects and operating elements is for a DJ what an effect device is for a guitarist. Principally, a future mixer unites a normal console with new advanced technologies. Thus, flangers, beatcounters, touchscreens, integrated effects or producing hardware are used in operation, definitely opening new performing dimensions.

USB mixer:

As the name implies, these mixers are equipped with an USB connection, in addition to their basic functions. Furthermore, they dispose of a sound card with which MP3 audio files from computer data banks can be played back. The advantages for DJs are obvious. They use the new technology and can do without CDs and vinyl records. Via the digital performance, one's own sound carrier collection is spared.

An overview of the most commonly used features:

Linefaders:

Determine the volume of each channel.

Crossfaders:

The DJ can switch between two channels with this control. If the fader is in the initial position – in the middle – then both channels have the same volume level. By pulling to one side, the relationship changes and consequently quick transitions or cuts are easily possible.

Crossfader reverse:

Helpful when scratching. The assigned crossfader channels are simply transposed.

Gain control:

Here we're talking about the input volume of each channel. Often the differing sound carriers have varying volume levels, which in turn can be adjusted with the gain control.

Phono / Line switch:

If two devices share the same channel, then this feature enables switching between them. Can also be used as a jerky substitute for the crossfader.

Equalizer:

The frequency ranges – low, mids, and highs – of each channel can be adjusted as needed.

Curve control:

By raising the fader volume it offers the possibility for smooth fading and hard cutting.

Cut or Kill switch:

Certain frequency ranges can be muted or completely faded out.

Whatever type of mixer, with whatever functions are most appropriate for you, the choice is yours. As in many other areas, personal preferences are instrumental. Of course, there are better or more inferior devices, yet at the same time there are devices which are pleasing and others which are not. With this overview, we have at least paved the way for you to make

highlights



OMNITRONIC PM-404 DJ mixer

No. 10006817

2-channel DJ battle mixer
 Inputs: 2x line/phono, 1x DJ microphone
 3-way equalizer with kill switch per channel



- 2 input channels with gain control and 3-way equalizer with kill function
- Level control, 2-way equalizer and talkover button for the DJ microphone channel
- Pre-fader listening (CUE) to the stereo input channels via adjustable headphone output, with cue mix control
- Replaceable crossfader for crossfading between input channels A and B
- High-quality and super-smooth channel faders
- 10-digit stereo LED level meter and master level control
- Inputs: 2x line/phono (stereo RCA), switchable; DJ microphone and headphones (both 6.3 mm jack)
- Outputs: master and record (both stereo RCA)
- Operation via supplied power unit
- Steel front panel

Technical specifications:

Power supply:	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	5 W
Inputs:	
DJ MIC:	6.3 mm jack
Minimum input voltage:	1.5 mV RMS/ 1 kohms
LINE 1-2:	stereo RCA
Minimum input voltage:	150 mV RMS/ 270 kohms
PHONO 1-2:	stereo RCA
Minimum input voltage:	3 mV RMS/ 470 kohms
Outputs:	
MASTER:	stereo RCA
Max. output level:	+22 dBu
Output voltage:	9 V RMS
REC:	stereo RCA
Output voltage:	225 mV RMS/ 5 kohms
Headphones:	6.3 mm stereo jack/ 16 ohms
Tone control:	
2x High:	-26 dB to +12 dB/ 12 KHz
2x Middle:	±15 dB/ 2.5 KHz
2x Low:	-26 dB to +12 dB/ 80 Hz
S/N ratio:	>80 dB
Frequency range:	20-20,000 Hz
Distortion:	<0.02% (line/phono)
Dimensions (WxHxD):	262 x 255 x 84 mm
Weight:	2.8 kg

highlights



OMNITRONIC PM-408 DJ mixer

No. 10006818

3-channel DJ mixer
 Inputs: 4x line, 2x phono/line, 1x DJ microphone
 Outputs: booth (RCA), rec (RCA), master (XLR/RCA)



- 3 input channels with gain control and 3-way equalizer, channel 1 and 3 with kill function
- Talkover button for the DJ microphone channel
- Pre-fader listening (CUE) to the stereo input channels via adjustable headphone output
- Replaceable crossfader for crossfading between input channels
- High-quality and super-smooth channel faders
- 10-digit stereo LED level meter, master level control and booth level control
- Inputs: 4x line (stereo RCA), 2x phono/line (stereo RCA), switchable; DJ microphone and headphones (both 6.3 mm jack)
- Outputs: master (3-pin XLR, stereo RCA), booth and record (both stereo RCA)
- Steel front panel

Technical specifications:

Power supply:	230 V AC, 50 Hz ~
Power consumption:	5 W
Inputs:	
DJ MIC:	6.3 mm jack
Minimum input voltage:	1.5 mV RMS/ 1 kohm
LINE 1-6:	stereo RCA
Minimum input voltage:	150 mV RMS/ 270 kohm
PHONO 1-2:	stereo RCA
Minimum input voltage:	3 mV RMS/ 470 kohm
Outputs:	
MASTER:	stereo RCA, stereo XLR (3-pin)
BOOTH:	stereo RCA
Max. output level:	+22 dBu
Output voltage:	9 V RMS
REC:	stereo RCA
Output voltage:	225 mV RMS/ 5 kohm
Headphones:	6.3 mm stereo jack/ 16 ohm
Tone control:	
3x High:	-12 dB to +12 dB/ 1 kHz
3x Middle:	-12 dB to +12 dB/ 1 kHz
3x Low:	12 dB to +12 dB/ 1 kHz
S/N ratio:	>80 dB
Frequency range:	20-25,000 Hz
Distortion:	0.05% (line/phono)
Dimensions (WxHxD):	262 x 255 x 110 mm
Weight:	2.8 kg

OMNITRONIC PM-322 DJ mixer

No. 10006816

- 2 channels switchable to 2 phono, 2 line
- High quality and super-smooth channel faders
- Headphones output adjustable



- 2 input channels, switchable phone/line with 3-way equalizer
- 1 separate DJ mic channel with input sensitivity control (gain), 2-fold tone control (bass, treble) and talkover selector
- Microphone input via 1/4" mono jack on the faceplate
- High-quality and super-smooth channel faders
- Super-smooth crossfader replaceable from above
- Headphones output adjustable via Cue Level control
- Additional Cue Split/Cue Mix switch
- Cue Split function: the Cue signal is on the one side of the headphones and the output signal on the other side
- Cue Mix function: the adjustable mix of Cue signal and output signal is on both sides of the headphones
- Mixing of the headphones signal possible via cue mixing fader
- Master out 10-fold LED level displays (L/R)
- Master control
- Rec Out independent from Master level for records with static level

Technical specifications:

Power supply:	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	4.5 VA
Inputs:	2 phono, 4 line, 1 mic
Minimum input voltage:	
Microphone:	2 mV, 4 kohms
Phono:	3 mV, 50 kohms
Line:	200 mV, 6 kohms
Output voltage:	4.5 V peak to peak
Outputs:	1 master, 1 rec via RCA
Frequency range:	20 - 20,000 Hz
Distortion:	< 0.09 %
S/N ratio:	60 dB
Talkover attenuation:	-14 dB
Dimensions:	270 x 178 x 85 mm
Weight:	2 kg



Technical specifications:		
Product:	PM-3010	PM-4010
Power supply:	230 V AC, 50 Hz ~, via supplied power unit	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	35 W	35 W
Inputs:		
DJ MIC:	combined XLR/6.3 mm jack (bal.)	combined XLR/6.3 mm jack (bal.)
MIC 1, 2:	6.3 mm jack (bal.)	6.3 mm jack (bal.)
Minimum input voltage:	1 mV RMS	1 mV RMS
LINE/PHONO 1-3:		
LINE 1-10 (rear):	stereo RCA	stereo RCA
LINE 8 (front):		stereo RCA/3.5 mm jack
Minimum input voltage:	150 mV RMS (line),	150 mV RMS
PHONO 1, 2:		stereo RCA
Minimum input voltage:		3 mV RMS
AUX 1-4:	stereo RCA	
Minimum input voltage:	150 mV RMS	
Outputs:		
MASTER (1):	stereo XLR/stereo RCA	stereo XLR/stereo RCA
Output voltage:	0.75 V/1.5 V RMS (switchable)	0.75 V/1.5 V RMS (switchable)
MASTER 2:		6.3 mm stereo jack
Output voltage:		0.75 V/1.5 V RMS (switchable)
ZONE:	6.3 mm stereo jack	
Output voltage:	0.75 V RMS	
BOOTH:	stereo RCA	stereo RCA
Output voltage:	0.75 V RMS	0.75 V
REC:	stereo RCA	stereo RCA
Output voltage:	0.75 V RMS	0.75 V
Headphones:	6.3 mm jack (min. 8 ohms)	3.5 mm/6.3 mm jack (min. 8 ohms)
X-FADER START:		2x 3.5 mm jack
Tone control (DJ MIC):		
1x high:	-12 dB to +12 dB/ 10 kHz, ±1 dB	-12 dB to +12 dB/ 10 kHz, ±1 dB
1x middle:	-12 dB to +12 dB/ 1 kHz, ±1 dB	-12 dB to +12 dB/ 1 kHz, ±1 dB
1x low:	-12 dB to +12 dB/ 100 Hz, ±1 dB	-12 dB to +12 dB/ 100 Hz, ±1 dB
Talkover attenuation:		-15 dB
Tone control:	(channel 1-3)	(channel 1-4)
high:	3x high: -26 dB to +12 dB/ 10 kHz, ±1 dB	4x high: -26 dB to +12 dB/ 10 kHz, ±1 dB
middle:	3x middle: -26 dB to +12 dB/ 1 kHz, ±1 dB	4x middle: -26 dB to +12 dB/ 1 kHz, ±1 dB
low:	3x low: -26 dB to +12 dB/ 100 Hz, ±1 dB	4x low: -26 dB to +12 dB/ 100 Hz, ±1 dB
S/N ratio:	> 75 dB	> 75 dB
Frequency range:	20-20,000 Hz	20-20,000 Hz
Distortion:	0.03%	0.03%
Dimensions (WxHxD):	340 x 220 x 110 mm	320 x 320 x 110 mm
Weight:	4.5 kg	5.4 kg

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OMNITRONIC PM-3010 Pro DJ mixer

No. 10006850.....silver
 No. 10006851.....black

Matrix: routing of all inputs as desired
 Adjustable session input from a second mixer
 Color illuminated controls

highlights



- Matrix input assignment: each channel with routing facility of all input sources as desired
- 3 input channels with gain control, 3-band equalizer, cue button, smooth and durable fader and 10-digit LED level meter
- 1 DJ microphone channel with 3-band equalizer, level control, on air and talkover selector
- Color illuminated rotary controls and rubber buttons
- Prefader listening to all input channels and the master output via adjustable headphones output, with cue mix/split function
- Replaceable crossfader with VCA technology for crossfading between input channels, with assignment switches, adjustable curve and reverse function
- Master control and stereo LED level meter
- Master level switchable 0.75 V or 1.5 V
- Separately controllable monitor and zone outputs
- Separately controllable session input to connect a further mixer
- 2 recording outputs, independent of the master and with on/off switch for DJ microphone signals
- Inputs: 4x line (stereo RCA); 3x phono/line (stereo RCA), switchable; 1x DJ microphone (XLR/6.3 mm jack), 2x microphone (6.3 mm jack) and 1x headphones (6.3 mm jack)
- Outputs: 1x master (stereo XLR/stereo RCA), 1x zone (6.3 mm stereo jack, bal.), 1x booth (stereo RCA), 2x record (stereo RCA) and 1x session (stereo RCA)
- Operation via supplied power unit

**OMNITRONIC PM-4010 Pro DJ mixer**

No. 10006860.....silver
 No. 10006861.....black

Mixer for 3 mics, 2 phono/aux and 12 line sources
 Additional line input and record output at the front panel
 Fader start function

highlights



- 4 input channels with gain control, 3-band equalizer, cue button, smooth and durable fader and 10-digit LED level meter
- 1 DJ microphone channel with 3-band equalizer, level control, on air and talkover selector
- Color illuminated rotary controls and rubber buttons
- Prefader listening to all input channels and the master output via adjustable headphones output, with cue mix/split function
- Replaceable crossfader with VCA technology for crossfading between input channels, with assignment switches, adjustable curve, reverse function and fader start function
- 2 separately controllable master channels with mono/stereo selector switch and balance control
- Master channel 1 with fader and 10-digit stereo LED level meter, switchable to master channel 2
- Master level switchable 0.75 V or 1.5 V
- Adjustable monitor output (DJ booth)
- 2 recording outputs, independent of the master and with on/off switch for DJ microphone signals
- Inputs: 10x line (stereo RCA), additionally 1x line at the front panel (stereo RCA/3.5 mm jack); 2x phono/line (stereo RCA), switchable; 1x DJ microphone (XLR/6.3 mm jack), 2x microphone (6.3 mm jack) and 1x headphones (3.5 mm/6.3 mm jack)
- Outputs: 1x master (stereo XLR/stereo RCA), 1x master (6.3 mm stereo jack, bal.), booth (stereo RCA), 2x record (stereo RCA) and 2x fader start (3.5 mm jack)
- Operation via supplied power unit



Technical specifications:			
Product:	MX-410	MX-420	MX-540
Power supply:	230 V AC, 50 Hz ~ via supplied power unit	230 V AC, 50 Hz ~ via supplied power unit	230 V AC, 50 Hz ~ via supplied power unit
Power consumption:	35 W	35 W	35 W
Inputs:	2 phono, 10 line, 3 mic	2 phono, 10 line, 3 mic	3 phono, 12 line, 4 mic
Outputs:	2 Master, 1 Booth, 1 Rec	2 Master, 1 Booth, 1 Rec	3 Master, 1 Booth, 1 Rec
Minimum input voltage:			
Microphone:	1 mV RMS	1 mV RMS	1 mV RMS
Phono:	3 mV RMS	3 mV RMS	3 mV RMS
Line:	150 mV RMS	150 mV RMS	150 mV RMS
Output voltage:			
Master 1:	0.75 V/1.5 V RMS	0.75 V/1.5 V RMS	0.75 V/1.5 V RMS
Master 2:	0.75 V/1.5 V RMS	0.75 V/1.5 V RMS	0.75 V/1.5 V RMS
Booth:	0.75 V/1.5 V RMS	0.75 V/1.5 V RMS	0.75 V/1.5 V RMS
Record:	0.75 V RMS	0.75 V RMS	0.75 V RMS
Headphones:	8 Ohms or more	8 Ohms or more	8 Ohms or more
Outputs:	2 Master Out, 1 Rec Out, 1 Booth Out via RCA	2 Master Out, 1 Rec Out, 1 Booth Out	3 Master Out, 1 Rec Out, 1 Booth Out
Master 1 Out:	via 2 additional, balanced XLR-connectors	via 2 additional, balanced XLR-connectors	via 2 additional, balanced XLR-connectors
Master 2 Out:	via 2 additional, balanced XLR-connectors	via 2 additional, balanced XLR-connectors	via 2 additional, balanced XLR-connectors
Booth Out:	via 2 additional 1/4" mono-jack-connectors	via 2 additional 1/4" mono-jack-connectors	via 2 additional, 1/4" mono-jack-connectors
Frequency range:	20 - 20 000 Hz	20 - 20 000 Hz	20 - 20 000 Hz
Distortion:	<0.03 %	<0.03 %	<0.03 %
S/N-ratio:	>75 dB	>75 dB	>75 dB
Talkover-attenuation:	-15 dB	-15 dB	-15 dB
Tone control:			
Treble:		10 KHz - 26 dB to +12 dB	10 KHz - 26 dB to +12 dB
Middle:	40 Hz - 10 KHz (7 Band EQ)	1 KHz - 26 dB to +12 dB	1 KHz - 26 dB to +12 dB
Bass:		100 Hz - 26 dB to +12 dB	100 Hz - 26 dB to +12 dB
MIC Tone control:			
Treble:	10 KHz - 12 dB to +12 dB	10 KHz - 12 dB to +12 dB	10 KHz - 12 dB to +12 dB
Middle:	1 KHz - 12 dB to +12 dB	1 KHz - 12 dB to +12 dB	1 KHz - 12 dB to +12 dB
Bass:	100 Hz - 12 dB to +12 dB	100 Hz - 12 dB to +12 dB	100 Hz - 12 dB to +12 dB
Dimensions (WxDxH):	482 x 220 x 100 mm	482 x 220 x 100 mm	482 x 220 x 100 mm
Weight:	4 kg	4 kg	4 kg

OMNITRONIC MX-410 Multichannel mixer

No. 10006750
No. 10006751black

Mixer for 3 mics, 2 phono/aux and 10 line sources
7-band stereo EQ for master channels, monitor output
10-digit cue level meter

- High-grade discotheque mixer with convincing sound and 2 master channels • 4 input channels with gain control, 3-band equalizer, cue button and smooth, durable fader • 1 DJ microphone channel with 3-band equalizer, level control, on air and talkover selector
- Color illuminated rotary controls and rubber buttons • Prefader listening to all input channels and the master output via adjustable headphones output, with cue mix/split function and 10-digit LED level meter • Replaceable crosstader for crosstading between input channels • 2 separately controllable master channels with mono/stereo selector switch • Master channel 1 with fader and 10-digit stereo LED level meter, switchable to master channel 2 • 7-band stereo equalizer for master channel 1; assignable to master channel 2 and booth output • Adjustable monitor output (DJ booth) • 2 recording outputs, independent of the master and with on/off switch for DJ microphone signals • Inputs: 10x line (stereo RCA), additionally 1x line at the front panel (stereo RCA/3.5 mm jack); 2x phono/line (stereo RCA), switchable; 1x DJ microphone (XLR/6.3 mm jack), 2x microphone (6.3 mm jack) and headphones (3.5 mm/6.3 mm jack) • Outputs: 2x master (stereo XLR/stereo RCA), 1x booth (stereo RCA/6.3 mm stereo jack, bal.) and 2x record (stereo RCA) • Operation via supplied power unit • Available in silver and black • 19" dimensions for rack installation, 5 U



OMNITRONIC MX-420 Multichannel mixer

No. 10006755

No. 10006756.....black

Mixer for 3 mics, 2 phono/aux and 10 line sources

3-band EQ per channel

10-digit level meter per channel

- High-grade discotheque mixer with convincing sound and 2 master channels • 4 input channels with gain control, 3-band equalizer, cue button, smooth and durable fader and 10-digit LED level meter • 1 DJ microphone channel with 3-band equalizer, level control, on air and talkover selector • Color illuminated rotary controls and rubber buttons • Prefader listening to all input channels and the master output via adjustable headphones output, with cue mix/split function • Replaceable crossfader for crossfading between input channels • 2 separately controllable master channels with mono/stereo selector switch • Master channel 1 with fader and 10-digit stereo LED level meter, switchable to master channel 2 • Adjustable monitor output (DJ booth) • 2 recording outputs, independent of the master and with on/off switch for DJ microphone signals • Inputs: 10x line (stereo RCA), additionally 1x line at the front panel (stereo RCA/3.5 mm jack); 2x phono/line (stereo RCA), switchable; 1x DJ microphone (XLR/6.3 mm jack), 2x microphone (6.3 mm jack) and headphones (3.5 mm/6.3 mm jack) • Outputs: 2x master (stereo XLR/stereo RCA), 1x booth (stereo RCA/6.3 mm stereo jack, bal.) and 2x record (stereo RCA) • Operation via supplied power unit • Available in silver and black • 19" dimensions for rack installation, 5 U

**OMNITRONIC MX-540 Multichannel mixer**

No. 10006760

No. 10006761.....black

For 4 mics, 3 phono/aux and 12 line sources

3-band EQ and 10-digit level meter per channel

Fader start function

- High-grade discotheque mixer with convincing sound and 3 master channels • 5 input channels with gain control, 3-band equalizer, cue button, smooth and durable fader and 10-digit LED level meter • 1 DJ microphone channel with 3-band equalizer, level control, on air and talkover selector • Color illuminated rotary controls and rubber buttons • Prefader listening to all input channels and the master output via adjustable headphones output, with cue mix/split function • Replaceable crossfader for crossfading between input channels, with assignment switches and fader start function • 3 separately controllable master channels with mono/stereo selector switch • Master channel 1 with fader and 10-digit stereo LED level meter, switchable to master channel 2 • Adjustable monitor output (DJ booth) • 2 recording outputs, independent of the master and with on/off switch for DJ microphone signals • Inputs: 12x line (stereo RCA), additionally 1x line at the front panel (stereo RCA/3.5 mm jack); 3x phono/line (stereo RCA), switchable; 1x DJ microphone (XLR/6.3 mm jack), 3x microphone (6.3 mm jack) and headphones (3.5 mm/6.3 mm jack) • Outputs: 2x master (stereo XLR/stereo RCA), 1x master (stereo RCA/6.3 mm stereo jack, bal.), booth (stereo RCA) and 2x record (stereo RCA) • Operation via supplied power unit • Available in silver and black • 19" dimensions for rack installation, 5 U



OMNITRONIC EMX-1 19" 4-channel club mixer

No. 10006766

4 input channels with super-smooth channel fader
 Inputs: 6x line, 2x phono/aux, 1x mic
 1 DJ microphone channel with talkover selector



- 4 input channels with gain control, cue button and super-smooth channel fader
- 1 DJ microphone channel with talkover selector and 2-band equalizer
- Pre-fader listening to the stereo input channels via adjustable headphones output
- Replaceable crossfader for crossfading between input channels with assignment switches
- Master channel with super-smooth fader, 5-band equalizer and 10-digit stereo LED level meter
- Record output, independent of the master
- Inputs: 4x line (stereo RCA), 2x phono/line (stereo RCA), switchable; 1x microphone (6.3 mm jack), 1x microphone (XLR) and headphones (6.3 mm jack)
- Outputs: master and record (both stereo RCA)
- Operation via supplied power unit
- 19" dimensions for rack installation, 4 U

Technical specifications:

Power supply:	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	30 W
Inputs:	
DJ MIC (front):	3-pin XLR
MIC 2 (rear):	6.3 mm jack (bal.)
Impedance:	1 kohms
Minimum input voltage:	1.5 mV RMS
LINE 1-4:	stereo RCA
Impedance:	27 kohms
Minimum input voltage:	150 mV RMS
PHONO 1,2:	stereo RCA
Impedance:	47 kohms
Minimum input voltage:	3 mV RMS
Outputs:	
MASTER:	stereo RCA
Impedance:	400 ohms
Output voltage:	1 V RMS/ 0 dB
REC:	stereo RCA
Impedance:	5 kohms
Output voltage:	225 mV RMS
Headphones:	6.3 mm stereo jack (min. 16 ohms)
Tone control (DJ MIC):	
1x High:	-12 dB to +12 dB/ 10 kHz, ±1 dB
1x Low:	-12 dB to +12 dB/ 100 Hz, ±1 dB
Tone control (MASTER):	
7-band equalizer:	±15 dB/ 60 Hz, 100 Hz, 1 kHz, 6 kHz, 15 kHz, ±1 dB
S/N ratio:	>80 dB
Frequency range:	20-20,000 Hz
Distortion:	0.02%
Dimensions (WxHxD):	483 x 179 x 102 mm (19", 4 U)
Weight:	3.1 kg

OMNITRONIC EMX-3 19" 4-channel club mixer

No. 10006768

4 input channels with gain control
 Inputs: 6x line, 2x phono/aux, 1x mic
 1 DJ microphone channel with talkover selector



- 4 input channels with gain control, cue button and super-smooth channel fader
- 1 DJ microphone channel with talkover selector and 2-band equalizer
- Pre-fader listening to all stereo input channels and the master output via adjustable stereo headphones output
- Replaceable crossfader for crossfading between input channels with assignment switches
- Master channel with super-smooth fader, 3-band equalizer, mono/stereo selector switch and 10-digit stereo LED level meter
- Adjustable zone output, and record output, independent of the master
- Inputs: 4x line (stereo RCA), 2x phono/line (stereo RCA), switchable; 1x microphone (6.3 mm jack), 1x microphone (XLR) and headphones (6.3 mm jack)
- Outputs: master (stereo RCA, 6.3 mm jack, bal.), zone and record (both stereo RCA)
- Operation via supplied power unit
- 19" dimensions for rack installation, 4 U

Technical specifications:

Power supply:	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	30 W
Inputs:	
DJ MIC (front):	3-pin XLR
MIC 2 (rear):	6.3 mm jack (bal.)
Impedance:	1 kohms
Minimum input voltage:	1.5 mV RMS
LINE 1-4:	stereo RCA
Impedance:	27 kohms
Minimum input voltage:	150 mV RMS
PHONO 1,2:	stereo RCA
Impedance:	47 kohms
Minimum input voltage:	3 mV RMS
Outputs:	
MASTER:	stereo RCA, 6.3 mm stereo jack (bal.)
ZONE:	stereo RCA
Impedance:	400 ohms
Output voltage:	1 V RMS/ 0 dB
REC:	stereo RCA
Impedance:	5 kohms
Output voltage:	225 mV RMS
Headphones:	6.3 mm stereo jack (min. 16 ohms)
Tone control (DJ MIC):	
1x High:	-12 dB to +12 dB/ 10 kHz, ±1 dB
1x Low:	-12 dB to +12 dB/ 100 Hz, ±1 dB
Tone control (MASTER):	
1x High:	-15 dB to +15 dB/ 40 kHz, ±1 dB
1x Middle:	-15 dB to +15 dB/ 40 kHz, ±1 dB
1x Low:	-15 dB to +15 dB/ 40 kHz, ±1 dB
S/N ratio:	>80 dB
Frequency range:	20-20,000 Hz
Distortion:	0.02%
Dimensions (WxHxD):	483 x 179 x 102 mm (19", 4 U)
Weight:	3.2 kg

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OMNITRONIC mixers

OMNITRONIC EMX-5 19" 5-channel club mixer

No. 10006770

5-channel with gain control
 Inputs: 6x line, 2x phono/aux, 2x mic
 DJ microphone channel with talkover function



- 5 input channels with gain control, 3-band equalizer, cue button and super-smooth channel fader
- 1 DJ microphone channel with talkover selector and 2-band equalizer
- Pre-fader listening to all stereo input channels and the master output via adjustable stereo headphones output
- Replaceable crossfader for crossfading between input channels with assignment switches
- 10-digit stereo LED level meter, master level control, and balance level control
- Adjustable zone output, and record output, independent of the master
- Inputs: 6x line (stereo RCA), 2x phono/line (stereo RCA), switchable; 2x microphone (6.3 mm jack), 1x microphone (XLR/6.3 mm jack) and headphones (6.3 mm jack)
- Outputs: master (3-pin XLR, stereo RCA), zone and record (both stereo RCA)
- Operation via supplied power unit
- 19" dimensions for rack installation, 4 U

Technical specifications:

Power supply:	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	5 W
Inputs: DJ MIC (front):	combined XLR (3-pin)/ 6.3 mm jack (bal.)
MIC 1,2 (rear):	6.3 mm jack (bal.)
Impedance:	1 kohms
Minimum input voltage:	1.5 mV RMS
LINE 1-5:	stereo RCA
Impedance:	27 kohms
Minimum input voltage:	150 mV RMS
PHONO 1,2:	stereo RCA
Impedance:	47 kohms
Minimum input voltage:	3 mV RMS
Outputs: MASTER:	stereo XLR (3-pin)
ZONE:	stereo RCA
Impedance:	400 ohms
Output voltage:	1 V RMS/ 0 dB
REC:	stereo RCA
Impedance:	5 kohms
Output voltage:	225 mV RMS
Headphones:	6.3 mm stereo jack (min. 16 ohms)
Tone control (DJ MIC): 1x High:	-12 dB to +12 dB/ 1 kHz; ±1 dB
1x Low:	-12 dB to +12 dB/ 1 kHz; ±1 dB
Tone control (channels 1-5): 5x High:	-12 dB to +12 dB/ 1 kHz; ±1 dB
5x Mid:	-12 dB to +12 dB/ 1 kHz; ±1 dB
5x Low:	-12 dB to +12 dB/ 1 kHz; ±1 dB
S/N ratio:	>80 dB
Frequency range:	20-20,000 Hz
Distortion:	0.02%
Dimensions (WxHxD):	483 x 179 x 94 mm (19"; 4 U)
Weight:	4 kg

OMNITRONIC CM-860 Club mixer

No. 10006940

6 channels
 3-fold tone control for each channel
 12-fold LED level display for each channel



- Channel 1 switchable between line 1 and mic 1
- Channels 2-4 on the front panel switchable between line and phono
- Channels 5-6 on the front panel switchable between line and line
- 1 separate DJ mic channel with input sensitivity control (mic level), 3-fold tone control (bass, middle, treble) and talkover button
- DJ mic microphone input via XLR or jack on the front panel
- Mic 1 microphone input via 1/4" jack on the rear panel
- Input sensitivity control (gain) for each channel
- High-quality and super-smooth dual rail channel faders
- Crossfader curve function for extremely fast cut times and scratch times
- Crossfader reverse function for inverting the channels
- Crossfader remote start function switchable via X-start button
- Super-smooth dual rail crossfader replaceable from above
- The crossfader can be assigned via crossfader and assign button
- LED level display switchable from master 1 to master 2
- Headphones connection on the front panel
- Headphones output adjustable via cue level control
- Additional cue split/cue mix button
- Cue split function: the cue signal is on the one side of the headphones and the output signal on the other side
- Cue mix function: the adjustable mix of cue signal and output signal is on both sides of the headphones
- Mixing of the headphones signal possible via cue mixing fader
- Effect send and effect return sockets on the rear panel
- 2 master out and rec out via 2 RCA sockets each
- Additional master 1 output via balanced XLR connectors
- Rec out independent from master level for records with static level
- Separately controllable monitor output (DJ booth)
- DJ rec out, both bass and cue bass for comfortable DJ control
- Incl. mounting brackets for 482 mm rack installation (1U)

Technical specifications:

Power supply:	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	60 W
Inputs:	3 phono, 7 line, 1 effect return, 2 mic
Outputs:	2 master, 1 booth, 1 rec, 1 effect send, 2 faderstart
Minimum input voltage: Microphone:	1 mV RMS
Phono:	3 mV RMS
Line:	150 mV RMS
Aux In:	150 mV RMS
Return:	150 mV RMS
Output voltage: Master 1:	1.414 V RMS
Master 2:	1.414 V RMS
Booth:	1.414 V RMS
Record:	0.775 V RMS
Send:	400 mV RMS
Headphones:	8 ohm or more
Outputs:	2 master out, 1 rec out, 1 booth out via RCA
Master 1 out:	via 2 additional, balanced XLR connectors
Frequency range:	20 - 20,000 Hz
Distortion:	<0.02 %
S/N ratio:	>60 dB
Talkover attenuation:	-15 dB
Tone control: Treble:	10 KHz -26 dB to +12 dB
Middle:	1 KHz -26 dB to +12 dB
Bass:	100 Hz -26 dB to +12 dB
Dimensions (WxDxH):	430 x 350 x 90 mm
Weight:	7 kg

OMNITRONIC EX-820 Digital effects mixer

No. 10007048

- 2 full duplex USB ports
- DSP FX section with beatcounter
- Optical crossfader/channel fader curve adjustable



- Digital mixing of audio files from PC and Mac via USB interface
- Full duplex USB ports: simultaneous recording and playback possible
- 2 input channels with gain control, 3-band equalizer and channel fader with VCA technology and adjustable curve
- Separate DJ microphone input with level control, 2-band equalizer and talkover button
- Pre fader listening (CUE) to the input channels via adjustable headphone output, with cue mix control
- Crossfader with VCA technology, adjustable curve
- 3 crossfader effects for automatic or manual crossover: Echo, Zip, Roll
- 8 digital BPM-synchronized effect presets in 24 bit quality with routing facility as desired: Echo, Auto Pan, Flanger, Manual Filter, Auto Filter, Reverb, Transition, Pitch Shifter
- Effect parameters time and ratio variably adjustable
- 6 parameter presets with automatic BPM synchronization
- Effects can be monitored via headphones
- Separate FX loop for connection of external effect units
- Large backlit LCD for channel, effects, parameters and beat counter
- Automatic beat counter (switchable to manual operation) for automatic BPM synchronization of the effects processor
- 10-digit stereo LED level meter, switchable between master and PFL signal
- Fader start via channel fader or crossfader
- Inputs: 2x USB (high-speed 2.0), 2x line (RCA) 2x line/phono (RCA, switchable), 1x microphone (6.3 mm jack), headphones (6.3 mm jack), and return (RCA)
- Outputs: master (RCA/ 6.3 mm jack, bal.), record (RCA), send (RCA), and faderstart (mini jack)

Technical specifications:

Power supply:	100-240 V AC, 50/60 Hz ~
Power consumption:	14 W
Inputs:	
MIC:	6.3 mm jack
Impedance:	10 kohms
Max. gain:	-54 dBV, ± 0.1 dB (2 mV)
LINE/AUX:	stereo RCA
Impedance:	10/47 kohms
Max. gain:	-14 dBV, ± 0.1 dB (200 mV)
PHONO:	stereo RCA
Impedance:	47 kohms
Max. gain:	-50 dBV, ± 0.1 dB (2 mV)
RETURN:	stereo RCA
Impedance:	20 kohms
Max. gain:	-10 dBV, ± 0.1 dB (316 mV)
Outputs:	
MASTER:	stereo RCA
Impedance:	1 kohms
Max. output level:	0 dB, ± 2 dB (1 V)
MASTER (BAL OUT):	6.3 mm stereo jack
Impedance:	600 ohms
Max. output level:	+4 dBm, ± 2 dB (1.23 V)
RECORD:	stereo RCA
Impedance:	2.4 kohms
Max. output level:	-10 dBV, ± 2 dB (316 mV)
SEND:	stereo RCA
Impedance:	2.2 kohms
Max. output level:	-10 dBV, ± 2 dB (316 mV)
Headphones:	6.3 mm jack
USB ports (type B):	2.0, downward compatible
Playback:	
Max. output level:	0 dBV, ± 2 dB (1 V)
Distortion:	<0.04%
Frequency range:	25-20,000 Hz, ± 2 dB
S/N ratio:	>80 dB
Playback and recording:	
Max. output level:	4 dBV, ± 2 dB (1.6 V)
Distortion:	<0.15%
Tone control (DJ microphone):	
1x High:	-12 dB to +12 dB/ 10 kHz, ± 2 dB
1x Low:	-12 dB to +12 dB/ 100 Hz, ± 2 dB
Tone control (channel 1,2):	
2x High:	-32 dB to +10 dB/ 13 kHz, ± 2 dB
2x Mid:	-32 dB to +10 dB/ 1 kHz, ± 2 dB
2x Low:	-32 dB to +10 dB/ 70 Hz, ± 2 dB
Talkover attenuation:	-14 dB, ± 2 dB
Frequency range:	25-20,000 Hz, ± 2 dB
Distortion:	0.04% (line, aux), 0.15% (phono), 0.15% (mic)
S/N ratio:	>80 dB (line, aux), >69 dB (phono), >64 dB (mic)
Crosstalk:	>70 dB/ 1 kHz (line, aux, phono)
Dimensions (WxHxD):	305 x 222 x 105 mm
Weight:	3.5 kg

OMNITRONIC EX-840 Digital effects mixer

No. 10007050

DSP unit
Beatcounter
Blue LCD

highlights



with static level • High-grade discotheque mixer with a convincing sound • Channels 1-3 switchable between phono/aux and line • Channel 4 switchable between mic and line • Mic channel with attachment possibility of 2 mics, each individually volume controlled, common 3-way tone control • Mic 1 microphone input via XLR/1/4" jack mounting socket at the front panel • Mic 2 and mic 3 microphone input via 1/4" mono jack at the front panel • 1 separate DJ mic channel with level control, 2-way tone control (bass, treble) and talkover selector • Input sensitivity control (gain) for each channel • 3-way tone control (bass, middle, treble) for each channel • Tone control with large range from -30 to +10 dB • 8 digital DSP effects: echo, auto pan, flanger, manual filter, auto filter, reverb, transition, pitch shifter • Assignment of the effect via the input select switch possible to the input channels, crossfader sides and output • Time and depth parameter adjustment via parameter control • Independent auto beatcounter for chosen cue signal and master signal • Manual beatcounter via additional tap button • Beat sync function: all effects can be modulated automatically to the piece of music • Individual beat sync buttons set musical values • 3 crossfader effects for automatic or manual crossover: Echo, Zip, Roll • By pressing the effect cue button, the effect or sample can be cued with the headphones • Effects ON/OFF button • The crossfader can freely be assigned to channels 1-4 (channel assign selector) • Crossfader remote start function switchable via X-start button • Crossfader curve function for extremely fast cut times and scratch times • Super-smooth faders and crossfader replaceable from above • Headphones connection on the front panel • Headphones output adjustable via cue level control • Additional cue split/cue mix button • Mixing of the headphones signal possible via cue mixing fader • Master out 15-fold LED level displays (L/R) • Output signal adjustable via master fader (master 1) or master control (master 2) • Separately controllable monitor output (DJ booth) for connecting active speakers or an additional amplifier • 2 master out, booth out and rec out via 2 RCA sockets each • Additional master 1 output via balanced XLR connectors • Total output level of master 1 adjustable via level control at the rear panel • Rec out independent from master level for records

Technical specifications:

Power supply:	115/230 V AC, 50/60 Hz ~
Power consumption:	35 W
Inputs:	3 phono, 4 line, 3 mic
Input Sensitivity:	
Microphone 1:	1.7 mV RMS, 2.2 kohm
Microphone 2, 3:	1.7 mV RMS, 3 kohm
Phono:	3.4 mV RMS, 47 kohm
Line:	340 mV RMS, 20 kohm
Output voltage:	
Master out XLR:	1.23 V / 600 ohm
Rec out (analog):	316 mV RMS / 1 kohm
Rec. out (digital):	0.5 V RMS / 75 ohm
Headphones:	3000 mV @ 32 ohm (>16 ohm)
Outputs:	1 master out, balanced XLR + RCA
	1 rec out (analog, RCA)
	1 rec out (digital, RCA)
	1 zone (RCA)
	1 booth (RCA)
Frequency range:	
Microphone:	20 - 20,000 Hz, +1 / -3 dB
Phono:	20 - 20,000 Hz, +1 / -2 dB
Line:	20 - 20,000 Hz, +1 / -2 dB
Effects (dry):	20 - 20,000 Hz, +1 / -2 dB
THD:	
Phono:	< 0.02 %
Line:	< 0.02 %
Effects (dry):	< 0.05 %
S/N ratio:	
Microphone 1:	< -60 dB
Microphone 2, 3:	< -62 dB
Phono:	< -70 dB
Line:	< -70 dB
Effects (dry):	< -70 dB
Talkover attenuation:	-14 dB ± 1 dB
Tone control/channel:	
Treble:	-30 dB to +10 dB, ± 1 dB at 13 KHz
Middle:	-30 dB to +10 dB, ± 1 dB at 1 KHz
Bass:	-30 dB to +10 dB, ± 1 dB at 70 Hz
Tone control/Mic:	
Treble:	± 12, ± 2 dB at 13 KHz
Middle:	± 12, ± 2 dB at 1 KHz
Bass:	± 12, ± 2 dB at 70 Hz
Cross Talk (line):	< -70 dB at 1 KHz between L & R and between channels
Dimensions (WxDxH):	482 x 266 x 105 mm
Weight:	5 kg

Accessories:

Mixer case Pro "B" 19", sloping, black 8U	No. 30111560
Mixer case Pro "B", 19", sloping, alu 8U	No. 30111564
Steel cabinet 19", 35U, with door	No. 30103320

Technical specifications:				
Product:	EM-550	EM-650	EM-760	EM-760A
Power supply:	230 V AC, 50 Hz ~, via supplied power unit	230 V AC, 50 Hz ~, via supplied power unit	230 V AC, 50 Hz ~, via supplied power unit	230 V AC, 50 Hz ~
Power consumption (max.):	35 W	60 W	35 W	900 W
Power output sine:				
Stereo 8 ohms:				4x 150 W
Stereo 4 ohms:				4x 225 W
Stereo 2 ohms:				4x 320 W
Inputs:				
Microphone:	Microphone 1, 2; combined XLR/6.3 mm jack (bal.)	Microphone 1, 2; combined XLR/6.3 mm jack (bal.)	DJ Microphone; combined XLR/6.3 mm jack (bal.)	DJ Microphone; combined XLR/6.3 mm jack (bal.)
Microphone:			Microphone 1-6; 6.3 mm jack (bal.)	Microphone 1-6; 6.3 mm jack (bal.)
Minimum input voltage:	1 mV RMS	1 mV RMS	1 mV RMS	1 mV RMS
Line, Aux:	Line 1-8, Aux 1,2; stereo RCA	Line 1-8, Aux 1,2; stereo RCA	Line 1-9, Aux 1-3; stereo RCA	Line 1-9, Aux 1-3; stereo RCA
Minimum input voltage:	150 mV RMS	150 mV RMS	150 mV RMS	150 mV RMS
Phono:	Phono 1,2; stereo RCA	Phono 1,2; stereo RCA	Phono 1-3; stereo RCA	Phono 1-3; stereo RCA
Minimum input voltage:	3 mV RMS	3 mV RMS	3 mV RMS	3 mV RMS
Outputs:				
Master:	Master 1,2; stereo RCA, stereo XLR	Master 1-3; stereo RCA, stereo XLR	Master 1,2; stereo RCA, stereo XLR	Master 1,2; stereo RCA, stereo XLR
Output voltage:	0.75 V/1.5 V RMS (switchable)	0.75 V/1.5 V RMS (switchable)	0.75 V/1.5 V RMS (switchable)	0.75 V/1.5 V RMS (switchable)
Booth, Record:	stereo RCA	stereo RCA	stereo RCA	stereo RCA
Output voltage:	0.75 V RMS	0.75 V RMS	0.75 V RMS	0.75 V RMS
Speakers:				4 x Speaker, 4 x screw connectors
Headphones:	6.3 mm stereo jack (min. 8 ohms)	6.3 mm stereo jack (min. 8 ohms)	6.3 mm stereo jack (min. 8 ohms)	6.3 mm stereo jack (min. 8 ohms)
Tone control (Microphone):	(microphone 1,2; zone 1,2)	(microphone 1,2; zone 1-3)	(DJ-Microphone)	(DJ-Microphone)
High:	3x High, -12 dB to +12 dB/ 10 kHz	5x High, -12 dB to +12 dB/ 10 kHz	1x High, -12 dB to +12 dB/ 10 kHz	1x High, -12 dB to +12 dB/ 10 kHz
Mid:	3x Mid, -12 dB to +12 dB/ 1 kHz	5x Mid, -12 dB to +12 dB/ 1 kHz		
Low:	3x Low, -12 dB to +12 dB/ 100 Hz	5x Low, -12 dB to +12 dB/ 100 Hz	1x Low, -12 dB to +12 dB/ 100 Hz	1x Low, -12 dB to +12 dB/ 100 Hz
Tone control (channel 1-6):			(channel 1-6)	(channel 1-6)
High:			6x High, -12 dB to +12 dB/ 10 kHz	6x High, -12 dB to +12 dB/ 10 kHz
Mid:			6x Mid, -12 dB to +12 dB/ 1 kHz	6x Mid, -12 dB to +12 dB/ 1 kHz
Low:			6x Low, -12 dB to +12 dB/ 100 Hz	6x Low, -12 dB to +12 dB/ 100 Hz
Talkover attenuation:	-15 dB	-15 dB	-15 dB	-15 dB
S/N ratio:	>65 dB	>65 dB	>65 dB	>65 dB
Frequency range:	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz
Distortion:	0.03 %	0.03 %	0.03 %	0.02 %
Dimensions (WxHxD):	483 x 115 x 90 mm (19", 2 U)	483 x 117 x 90 mm (19", 2 U)	483 x 132 x 115 mm (19", 2 U)	483 x 440 x 135 mm (19", 3 U)
Weight:	2.5 kg	2.5 kg	3 kg	15 kg



OMNITRONIC EM-180 USB Entertainment mixer

No. 10007071

Digital mixing of audio files from PC and MAC and line sources
 2 high-speed USB ports 2.0, digital S/PDIF input and output
 Inputs 2x line/phono, 2x USB, 1x digital S/PDIF with matrix assignment
 Space saving, requires only 1 U



- Digital mixing via two USB ports and digital S/PDIF input and output
- Full duplex USB ports: simultaneous recording and playback possible
- 2 input channels with matrix input assignment and crossfader for mixing to 1 stereo output
- Each channel with 2-way tone control (high and lows), 5-digit LED level meter and level control
- Separate microphone input (6.3 mm jack) on the front panel with level control
- Separate headphones output (6.3 mm jack) on the front panel with level and cue/mix control
- Replaceable crossfader with VCA technology
- Master level control; stereo master out (RCA/XLR, bal.)
- Operation via supplied power unit
- Incl. 2 USB cables
- 19" dimensions for rack installation, 1 U



Technical specifications:

Power supply:	230 V AC, 50 Hz ~, via supplied power unit
Power consumption:	5 W
Inputs: MIC:	6.3 mm jack
Impedance:	600 ohms
Gain:	-60 dB (unbal.), -66 dB (bal.); ±2 dB
LINE CH A, CH B:	stereo RCA
Impedance:	20 kohms
Gain:	+20 dB, ±1 dB
PHONO:	stereo RCA
Impedance:	47 kohms
Gain:	-55 dB, ±1 dB
S/PDIF:	RCA
USB:	type 2.0
Outputs: MASTER:	stereo RCA, stereo XLR (3-pin)
Impedance:	600 ohms
Gain:	+20 dB
Max. output level:	+24 dBu
Headphones:	6.3 mm stereo jack
S/PDIF:	RCA
Tone control: 2x High:	-12 dB to +12 dB/ 1 kHz, ±1 dB
2x Low:	-12 dB to +12 dB/ 1 kHz, ±1 dB
S/N ratio:	<-65 dB
Frequency range:	20-25,000 Hz, ±0.5 dB
Distortion:	0.05% (line/phono)
Crosstalk:	<-70 dB (line), <-50 dB (phono)/ 1 kHz
Dimensions (WxHxD):	483 x 200 x 46 mm (19", 1 U)
Weight:	2.5 kg

OMNITRONIC mixers

OMNITRONIC EM-260 Entertainment mixer

No. 10007075silver
No. 10007076black

6 inputs
FX send/return
Ideal for karaoke
Space saving, requires only 1 U



- 6 inputs (3x mic/line and 3x line) for mixing to 1 stereo output • Ideal e.g. for karaoke when microphones need to be mixed with CDs • 3 mono input channels mic/line (XLR, bal.), switchable • 3 stereo line input channels (RCA) • Clip LED for each microphone channel
- Each microphone input with optional 12 V phantom power • FX send/return with FX level control • Stereo master out (6.3 mm jack) with 2-band equalizer (highs and lows) and level control • Stereo record output (RCA) • 19" dimensions for rack installation, 1 U

Technical specifications:

Power supply:	230 VAC, 50 Hz ~, via supplied power unit
Power consumption:	5 W
Inputs: MIC:	6.3 mm jack
Impedance:	600 ohms
Gain:	-60 dB (unbal.), -66 dB (bal.); ± 2 dB
LINE CH A, CH B:	stereo RCA
Impedance:	20 kohms
Gain:	+20 dB; ± 1 dB
PHONO:	stereo RCA
Impedance:	47 kohms
Gain:	-55 dB; ± 1 dB
S/PDIF:	RCA
USB:	type 2.0
Outputs: MASTER:	stereo RCA, stereo XLR (3-pin)
Impedance:	600 ohms
Gain:	+20 dB
Max. output level:	+24 dBu
Headphones:	6.3 mm stereo jack
S/PDIF:	RCA
Tone control: 2x High:	-12 dB to +12 dB/ 1 kHz; ± 1 dB
2x Low:	-12 dB to +12 dB/ 1 kHz; ± 1 dB
S/N ratio:	< -65 dB
Frequency range:	20-25,000 Hz; ± 0.5 dB
Distortion:	0.05% (line/phone)
Crosstalk:	< -70 dB (line), < -50 dB (phone)/ 1 kHz
Dimensions (WxHxD):	483 x 200 x 46 mm (19"; 1 U)
Weight:	2.5 kg

OMNITRONIC EM-550 Entertainment mixer

No. 10007100

For 8 line, 2 phono/aux sources and 2 microphones
Ideal for restaurants, bars, theme parks, karaoke, etc.
Additional input and record output on the front panel



- 5 input channels (10 stereo ways) with recessed gain controls on the rear panel, signal LED and super smooth dual-rail channel faders • 2 separate microphone channels with level control, LED level meter, 3-way equalizer and talkover button • Talkover level and response time adjustable • Pre-fader listening (CUE) to the stereo input channels via adjustable headphone output • Color illuminated rotary controls and rubber buttons • 1 additional line input with level control on the front panel • 2 adjustable master outputs with 3-way equalizer and 10-digit stereo LED level meter • 1 adjustable booth output with mono/stereo selector switch • 2 record outputs (independent of the master channels) with on/off switch for microphone signals • Inputs: 9x line (stereo RCA), 2x line/phono (stereo RCA), switchable; 2x microphone (XLR/6.3 mm jack) and headphones (6.3 mm jack) • Outputs: 2x master (optionally 3-pin XLR or stereo RCA), 1x booth (stereo RCA) and 2x record (stereo RCA) • Operation via supplied power unit • 19" dimensions for rack installation, 2 U • Ideal for restaurants, bars, theme parks, hotels and all applications where microphones need to be mixed with music (e.g. karaoke)

OMNITRONIC EM-650 Entertainment mixer

No. 10007110

3 zones with routing facility of all input channels as desired
For 8 line, 2 phono/aux sources and 2 microphones
Ideal for restaurants, bars, theme parks, karaoke, etc.



- 3 zones with routing facility of all input channels as desired • 7 input channels with recessed gain controls on the rear panel, signal LED and super smooth dual-rail channel faders • Level control, LED level meter, 3-way equalizer and talkover button for the microphone channels • Talkover level and response time adjustable • Pre-fader listening (CUE) to the stereo input channels via adjustable headphone output • Color illuminated rotary controls and rubber buttons • Zone outputs with level control, 3-way equalizer and 10-digit stereo LED level meter • 2 record outputs (independent of the master channels): 1x with routing facility of all zone outputs as desired, 1x with on/off switch for microphone signals • Inputs: 8x line (stereo RCA), 2x line/phono (stereo RCA), switchable; 2x microphone (XLR/6.3 mm jack) and headphones (6.3 mm jack) • Outputs: 3x master (optionally 3-pin XLR or stereo RCA) and 2x record (stereo RCA) • Operation via supplied power unit • 19" dimensions for rack installation, 2 U • Ideal for restaurants, bars, theme parks, hotels and all applications where microphones need to be mixed with music (e.g. karaoke)

OMNITRONIC EM-760 Entertainment mixer

No. 10007125

For 9 line, 3 phono/aux sources and 6 microphones
1 separate microphone channel
Additional record output on the front panel



- 6 input channels with gain control, 3-way equalizer and super smooth dual-rail channel faders
- 1 separate microphone channel with level control, 2-way equalizer and talkover button
- Pre-fader listening (CUE) to the stereo input channels via adjustable headphone output
- Color illuminated rotary controls and rubber buttons
- 2 adjustable master outputs with 10-digit stereo LED level meter
- 1 adjustable booth output with mono/stereo selector switch
- 2 record outputs, independent of the master channels
- Inputs: 9x line (stereo RCA), 3x line/phono (stereo RCA), switchable: 6x microphone (6.3 mm jack), 1x microphone (XLR/6.3 mm jack) and headphones (6.3 mm jack)
- Outputs: 2x master (optionally 3-pin XLR or stereo RCA), 1x booth (stereo RCA) and 2x record (stereo RCA)
- Operation via supplied power unit
- 19" dimensions for rack installation, 3 U
- Ideal for restaurants, bars, theme parks, hotels and all applications where microphones need to be mixed with music (e.g. karaoke)

**OMNITRONIC EM-760A Entertainment mixer**

No. 10007127

For 9 line, 3 phono/aux sources and 6 microphones
1 separate microphone channel
Amplifier with 4 x 150 W power



- Amplifier with 4 x 150 W power/ 8 ohms
- 6 input channels with gain control, 3-way equalizer and super smooth dual-rail channel faders
- 1 separate microphone channel with level control, 2-way equalizer and talkover button
- Pre-fader listening (CUE) to the stereo input channels via adjustable headphone output
- Color illuminated rotary controls and rubber buttons
- 2 adjustable master outputs with 10-digit stereo LED level meter
- 1 adjustable booth output with mono/stereo selector switch
- 2 record outputs, independent of the master channels
- Inputs: 9x line (stereo RCA), 3x line/phono (stereo RCA), switchable: 6x microphone (6.3 mm jack), 1x microphone (XLR/6.3 mm jack) and headphones (6.3 mm jack)
- Outputs: 2x master (optionally 3-pin XLR or stereo RCA), 1x booth (stereo RCA) and 2x record (stereo RCA)
- Speaker connection via lockable Speaker plugs or banana/screw combination
- Operation via supplied power unit
- 19" dimensions for rack installation, 3 U
- Ideal for restaurants, bars, theme parks, hotels and all applications where microphones need to be mixed with music (e.g. karaoke)



3
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Y

Technical specifications:		
Product:	RS-602	RS-802
Power supply:	2x20 V AC, 50/60 Hz ~ via included power unit	2x20 V AC, 50/60 Hz ~ via included power unit
Power consumption:	15 W	15 W
Inputs:		
mono	2 XLR or balanced 1/4" jack	4 XLR or balanced 1/4" jack
stereo	2 balanced 1/4" jacks	2 balanced 1/4" jacks
Aux-Return	balanced 1/4" jacks	balanced 1/4" jacks
1 Tape In	RCA	RCA
Outputs:		
1 Master-Out	balanced 1/4" jacks	balanced 1/4" jacks
1 Control Room Out	balanced 1/4" jacks	balanced 1/4" jacks
1 Aux-Send	balanced 1/4" jacks	balanced 1/4" jacks
1 Tape Out	RCA	RCA
Frequency range:		
Microphone:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Mono:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Stereo:	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB
Distortion:	0.01 %	0.01 %
S/N-ratio:	112 dB	112 dB
Tone control/channel:		
Treble:	±15 dB at 12 kHz	±15 dB at 12 kHz
Middle:	±15 dB at 2.5 kHz	±15 dB at 2.5 kHz
Bass:	±15 dB at 80 Hz	±15 dB at 80 Hz
Dimensions (WxDxH):	220 x 250 x 55 mm	270 x 250 x 55 mm
Weight:	2.5 kg	3 kg

Technical specifications:			
Product:	RS-1222	RS-1622	RS-2422
Power supply:	2x20 V AC, 50/60 Hz ~ via included power unit	2x20 V AC, 50/60 Hz ~ via included power unit	2x20 V AC, 50/60 Hz ~ via included power unit
Power consumption:	25 W	25 W	25 W
Inputs:			
mono	4 XLR or balanced 1/4" jack	8 XLR or balanced 1/4" jack	16 XLR or balanced 1/4" jack
Inserts	4 1/4" jacks	8 1/4" jacks	16 1/4" jacks
stereo	4 balanced 1/4" jacks	4 balanced 1/4" jacks	4 balanced 1/4" jacks
Aux-Return	2 balanced 1/4" jacks	2 balanced 1/4" jacks	2 balanced 1/4" jacks
1 Tape In	RCA	RCA	RCA
Outputs:			
2 Main Mix Out	XLR and balanced 1/4" jacks	XLR and balanced 1/4" jacks	XLR and balanced 1/4" jacks
1 Control Room Out	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
2 Aux-Send	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
4 Direct Out	1/4" jacks	1/4" jacks	1/4" jacks
1 Tape Out	RCA	RCA	RCA
Headphones	unbalanced 1/4" jack	unbalanced 1/4" jack	unbalanced 1/4" jack
Frequency range:			
Microphone:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Mono:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Stereo:	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB
Distortion:	0.01 %	0.01 %	0.01 %
S/N-ratio:	112 dB	112 dB	112 dB
Tone control/mono channel:			
High:	±15 dB at 12 kHz	±15 dB at 12 kHz	±15 dB at 12 kHz
Mid:	±15 dB at 250 Hz - 6 kHz	±15 dB at 250 Hz - 6 kHz	±15 dB at 250 Hz - 6 kHz
Low:	±15 dB at 80 Hz	±15 dB at 80 Hz	±15 dB at 80 Hz
Tone control/stereo channel:			
High:	±15 dB bei 12 kHz	±15 dB bei 12 kHz	±15 dB bei 12 kHz
Mid:	±15 dB bei 3 kHz	±15 dB bei 3 kHz	±15 dB bei 3 kHz
Low:	±15 dB bei 500 Hz	±15 dB bei 500 Hz	±15 dB bei 500 Hz
Bass:	±15 dB bei 80 Hz	±15 dB bei 80 Hz	±15 dB bei 80 Hz
Dimensions (WxDxH):	370 x 400 x 55 mm	480 x 400 x 55 mm	690 x 400 x 55 mm
Weight:	5.4 kg	6.7 kg	10 kg

OMNITRONIC RS-602 Recording mixer

No. 10040050

- Low noise 6-channel Mic / Line-mixer
- 3-band EQ for all inputs
- Peak-LED per mono input



- Low noise 6-channel Mic/Line-mixer • 2 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • 2 stereo inputs with balanced 1/4" jack sockets
- Stereo inputs can also be operated mono • 3-band EQ for all inputs • Peak-LED per mono input • Aux-Send per channel for controlling external effectors • Stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix, Booth and headphones outputs • Tape inputs assignable to Master, Booth/headphones • Precise 10-LED meter

OMNITRONIC RS-802 Recording mixer

No. 10040075

- Low noise 8-channel Mic / Line-mixer
- 3-band EQ for all inputs
- Peak-LED per mono input



- Low noise 8-channel Mic/Line-mixer • 4 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • 2 stereo inputs with balanced 1/4" jack sockets
- Stereo inputs can also be operated mono • 3-band EQ for all inputs • Peak-LED per mono input • Aux-Send per channel for controlling external effectors • Stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix, Booth and headphones outputs • Tape inputs assignable to Master, Booth/headphones • Precise 10-LED meter

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OMNITRONIC RS-1222 Recording mixer

No. 10040100

Low noise 12-channel Mic / Line-mixer
Stereo inputs can also be operated mono
60-mm high-quality faders



- Low noise 12-channel Mic/Line-mixer • 4 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Insert or Direct Out for every mono channel • 4 stereo inputs with balanced 1/4" jack sockets • Stereo inputs can also be operated mono • 3-band EQ with semi-parametric mids for all mono inputs • 4-band EQ for all stereo inputs • Peak-LED and switchable Low Cut per mono input • 2 Aux-Send (pre/post) per channel for controlling external effectors and for monitoring • 2 stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix, Control Room and headphones outputs • Tape inputs and outputs • Precise 10-LED meter • 60-mm high-quality faders

**OMNITRONIC RS-1622 Recording mixer**

No. 10040125

Low noise 16-channel Mic / Line-mixer
Separate Main Mix, Control Room and headphones outputs
60-mm high-quality faders



- Low noise 16-channel Mic/Line-mixer • 8 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Insert or Direct Out for every mono channel • 4 stereo inputs with balanced 1/4" jack sockets • Stereo inputs can also be operated mono • 3-band EQ with semi-parametric mids for all mono inputs • 4-band EQ for all stereo inputs • Peak-LED and switchable Low Cut per mono input • 2 Aux-Send (pre/post) per channel for controlling external effectors and for monitoring • 2 stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix, Control Room and headphones outputs • Tape inputs and outputs • Precise 10-LED meter • 60-mm high-quality faders

**OMNITRONIC RS-2422 Recording mixer**

No. 10040175

Low noise 24-channel Mic / Line-mixer
Separate Main Mix, Control Room and headphones outputs
60-mm high-quality faders



- Low noise 24 channel Mic/Line-mixer • 16 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Insert or Direct Out for every mono channel • 4 stereo inputs with balanced 1/4" jack sockets • Stereo inputs can also be operated mono • 3-band EQ with semi-parametric mids for all mono inputs • 4-band EQ for all stereo inputs • Peak-LED and switchable Low Cut per mono input • 2 Aux-Send (pre/post) per channel for controlling external effectors and for monitoring • 2 stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix, Control Room and headphones outputs • Tape inputs and outputs • Precise 10-LED meter • 60-mm high-quality faders



Technical specifications:		
Product:	CS-406	CS-408
Power supply:	115/230 V AC, 50/60 Hz ~	115/230 V AC, 50/60 Hz ~
Power consumption:	800 W	800 W
Inputs:		
mono	6 XLR or balanced 1/4" jacks	8 XLR or balanced 1/4" jacks
1 Aux-Return	balanced 1/4" jack	balanced 1/4" jack
Tape In	RCA	RCA
Outputs:		
1 Main Mix Out	Speaker-sockets	Speaker-sockets
1 Headphones	balanced 1/4" jack	balanced 1/4" jack
1 Aux-Send	balanced 1/4" jack	balanced 1/4" jack
Tape Out	RCA	RCA
Frequency range:		
Microphone:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Mono:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Stereo:	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB
Distortion:	0.01 %	0.01 %
S/N-ratio:	112 dB	112 dB
Tone control/channel:		
Treble:	±15 dB at 12 KHz	±15 dB at 12 KHz
Middle:	±15 dB at 2.5 KHz	±15 dB at 2.5 KHz
Bass:	±15 dB at 80 Hz	±15 dB at 80 Hz
Power output sine:		
Stereo 4 Ohms	2 x 200 W	2 x 200 W
Dimensions (WxDxH):	440 x 260 x 275 mm	440 x 260 x 275 mm
Weight:	11.5 kg	12 kg

Technical specifications:			
Product:	CS-612	CS-812	CS-816
Power supply:	115/230VAC, 50/60 Hz~	115/230VAC, 50/60 Hz~	115/230VAC, 50/60 Hz~
Power consumption:	1000 W	1200 W	1250 W
Inputs:			
8 mono	XLR or balanced 1/4" jacks	XLR or balanced 1/4" jacks	XLR or balanced 1/4" jacks
8 Inserts	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
2 stereo	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
1 Aux-Return	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
Tape In	RCA	RCA	RCA
CD In		RCA	RCA
Outputs:			
2 Main Mix Out	Speaker-sockets or balanced 1/4" jacks	Speaker-sockets	Speaker-sockets
1 Headphones	balanced 1/4" jack		
2 Aux-Send	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
8 Direct Out	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
Tape Out	RCA	RCA	RCA
Frequency range:			
Microphone:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Mono:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Stereo:	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB
Distortion:	0.01 %	0.01 %	0.01 %
S/N-ratio:	112 dB	112 dB	112 dB
Tone control/channel:			
Treble:	±15 dB at 12 KHz	±15 dB at 12 KHz	±15 dB at 12 KHz
Middle:	±15 dB at 2.5 KHz	±15 dB at 2.5 KHz	±15 dB at 2.5 KHz
Bass:	±15 dB at 80 Hz	±15 dB at 80 Hz	±15 dB at 80 Hz
Power output sine:			
Stereo 4 Ohms	2 x 300 W	2 x 350 W	2 x 350 W
Fuse 230 V:		F 7 A, 250 V	F 7 A, 250 V
Fuse 115 V:		F 14 A, 250 V	F 14 A, 250 V
Dimensions (WxDxH):	525 x 305 x 320 mm	540 x 330 x 320 mm	540 x 330 x 320 mm
Weight:	14 kg	13.5 kg	14 kg

OMNITRONIC CS-406 Powered mixer

No. 10050025

Low noise 6 channel Mic/Line mixer
6 mono inputs with XLR sockets
Integrated echo



- Low noise 6 channel Mic/Line-mixer • 6 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Integrated echo • 2-band EQ for all inputs • Peak-LED per mono input • Aux-Send per channel for controlling external effectors • Aux-Return with balanced 1/4" jack socket • Separate Main Mix and headphones outputs • Tape inputs and outputs • 7-band-equalizer for fine-tuned sound • Precise 5-LED meter • Output power 2 x 200 W/4 Ohms



OMNITRONIC CS-408 Powered mixer

No. 10050050

Low noise 8 channel Mic/Line mixer
8 mono inputs with XLR sockets
Integrated echo



- Low noise 8 channel Mic/Line-mixer • 8 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Integrated echo • 2-band EQ for all inputs • Peak-LED per mono input • Aux-Send per channel for controlling external effectors • Aux-Return with balanced 1/4" jack socket • Separate Main Mix and headphones outputs • Tape inputs and outputs • 7-band-equalizer for fine-tuned sound • Precise 5-LED meter • Output power 2 x 200 W/4 Ohms



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OMNITRONIC CS-612 Powered mixer

No. 10050125

Low noise 8 channel Mic/Line mixer
8 mono inputs with XLR sockets
Balanced line inputs



- Low noise 8 channel Mic/Line-mixer • 8 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Insert or Direct Out for every mono channel
- 2 stereo inputs via balanced jacks • Integrated effect unit with 9-level echo • 3-band EQ for all inputs • Peak-LED per mono input • Aux-Send per channel for controlling external effectors • Stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix and headphones outputs • Tape inputs and outputs • 7-band-equalizer for fine-tuned sound • Precise 5-LED meter • Output power 2 x 300 W/4 Ohms



highlights



OMNITRONIC CS-812 Powered mixer

No. 10050150

Low noise 12 channel Mic/Line mixer
8 mono inputs with XLR sockets
Balanced line inputs



- Low noise 12 channel Mic/Line-mixer • 8 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Insert or Direct Out for every mono channel
- Integrated effect unit with 256 DSP-effects • 3-band EQ for all inputs • Peak-LED per mono input • Aux-Send per channel for controlling external effectors • Stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix and headphones outputs • CD1-input and CD2-input with crossfader • 2 x 7-band-equalizer for fine-tuned sound • Precise 10-LED meter • Output power 2 x 350 W/4 Ohms



highlights



OMNITRONIC CS-816 Powered mixer

No. 10050200

Low noise 16 channel Mic/Line mixer
8 mono inputs with XLR sockets
Balanced line inputs



- Low noise 16 channel Mic/Line-mixer • 8 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs • Insert or Direct Out for every mono channel
- 2 stereo inputs via balanced jacks • Integrated effect unit with 256 DSP-effects • 3-band EQ for all inputs • Peak-LED per mono input • Aux-Send per channel for controlling external effectors • Stereo Aux-Return with balanced 1/4" jack sockets • Separate Main Mix and headphones outputs • CD1-input and CD2-input with crossfader • 2 x 7-band-equalizer for fine-tuned sound • Precise 10-LED meter • Output power 2 x 350 W/4 Ohms



Technical specifications:			
Product:	LS-622A	LS-822A	LS-1222A
Power supply:	115/230 V AC, 50/60 Hz ~	115/230 V AC, 50/60 Hz ~	115/230 V AC, 50/60 Hz ~
Power consumption:	500 W	800 W	800 W
Inputs:			
mono	2 XLR or balanced 1/4" jacks	4 XLR or balanced 1/4" jacks	8 XLR or balanced 1/4" jacks
inserts	2 1/4" jacks	4 1/4" jacks	8 1/4" jacks
stereo	2 balanced 1/4" jacks	2 balanced 1/4" jacks	2 balanced 1/4" jacks
Aux-Return	1 balanced 1/4" jacks	1 balanced 1/4" jack	1 balanced 1/4" jack
Tape In	RCA	RCA	RCA
Outputs:			
1 Main Mix Out	XLR or balanced 1/4" jacks	XLR or balanced 1/4" jacks	XLR or balanced 1/4" jacks
1 Headphones	balanced 1/4" jack	balanced 1/4" jack	balanced 1/4" jack
Aux-Send	1 balanced 1/4" jack	1 balanced 1/4" jack	1 balanced 1/4" jack
Direct Out	2 1/4" jacks	4 1/4" jacks	8 1/4" jacks
Tape Out	RCA	RCA	RCA
Frequency range:			
Microphone:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Mono:	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB	10 Hz - 60 kHz, ±3 dB
Stereo:	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB	10 Hz - 55 kHz, ±3 dB
Distortion:	0.01 %	0.01 %	0.01 %
S/N-ratio:	112 dB	112 dB	112 dB
Tone control/channel:			
Treble:	±15 dB at 12 KHz	±15 dB at 12 KHz	±15 dB at 12 KHz
Middle:	±15 dB at 2.5 KHz	±15 dB at 2.5 KHz	±15 dB at 2.5 KHz
Bass:	±15 dB at 80 Hz	±15 dB at 80 Hz	±15 dB at 80 Hz
Power output sine:			
Stereo 4 Ohms	2 x 150 W	2 x 200 W	2 x 300 W
Dimensions (WxDxH):	330 x 390 x 125 mm	390 x 390 x 150 mm	550 x 390 x 125 mm
Weight:	9.5 kg	10 kg	13 kg

OMNITRONIC LS-622A Powered live mixer

No. 10060050

Low noise 6-channel Mic/Line mixer
2 mono inputs with XLR sockets
Insert or Direct Out for every mono channel



- Low noise 6-channel Mic/Line-mixer
- 2 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs
- Insert or Direct Out for every mono channel
- 2 stereo inputs via balanced jacks
- Integrated effect unit with 9-level echo
- 3-band EQ for all inputs
- Peak-LED per mono input
- Aux-Send per channel for controlling external effectors
- Aux-Return with balanced 1/4" jack socket
- Separate Main Mix, Group and headphones outputs
- Tape inputs and outputs
- 7-band-equalizer for fine-tuned sound
- Precise 10-LED meter
- Output power 2 x 150 W/4 Ohms



OMNITRONIC LS-822A Powered live mixer

No. 10060100

Low noise 8-channel Mic/Line mixer
4 mono inputs with XLR sockets
Insert or Direct Out for every mono channel



- Low noise 8-channel Mic/Line-mixer
- 4 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs
- Insert or Direct Out for every mono channel
- 2 stereo inputs via balanced jacks
- Integrated effect unit with 9-level echo
- 3-band EQ for all inputs
- Peak-LED per mono input
- Aux-Send per channel for controlling external effectors
- Aux-Return with balanced 1/4" jack socket
- Separate Main Mix, Group and headphones outputs
- Tape inputs and outputs
- 7-band-equalizer for fine-tuned sound
- Precise 10-LED meter
- Output power 2 x 200 W/4 Ohms



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OMNITRONIC LS-1222A Powered live mixer

No. 10060200

Low noise 12-channel Mic/Line mixer
 8 mono inputs with XLR sockets
 Insert or Direct Out for every mono channel

- Low noise 12-channel Mic/Line-mixer
- 8 mono inputs with XLR-sockets, +48V Phantom-power and balanced line inputs
- Insert or Direct Out for every mono channel
- 2 stereo inputs via balanced jacks
- Echo effect
- 4-band EQ for all inputs
- Peak-LED per input
- 2 Aux-Send (1 pre, 1 post) per channel for controlling the effects and for monitoring
- 2 mono Aux-Return with balanced 1/4" jack sockets
- Separate Main Mix, Group and headphones outputs
- Tape inputs and outputs
- 7-band-equalizer for fine-tuned sound
- Precise 10-LED meter
- Output power 2 x 300 W/4 Ohms

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Technical specifications:	CFL-1242	CFL-1642	CFL-2442	CFL-3242
Product:	CFL-1242	CFL-1642	CFL-2442	CFL-3242
Power supply:	115/230 V AC, 50/60 Hz ~	115/230 V AC, 50/60 Hz ~	115/230 V AC, 50/60 Hz ~	115/230 V AC, 50/60 Hz ~
Power consumption:	40 W	50 W	70 W	100 W
Inputs:				
mono	12 XLR or balanced 1/4" jacks	16 XLR or balanced 1/4" jacks	24 XLR or balanced 1/4" jacks	32 XLR or balanced 1/4" jacks
inserts	12 1/4" jacks	16 1/4" jacks	24 1/4" jacks	32 1/4" jacks
stereo	2 XLR	2 XLR	2 XLR	2 XLR
4 Aux-Return	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks	balanced 1/4" jacks
Outputs:				
2 Main Mix Out	XLR or balanced 1/4" jacks	XLR or balanced 1/4" jacks	XLR or balanced 1/4" jacks	XLR or balanced 1/4" jacks
1 Monitor	balanced 1/4" jack	balanced 1/4" jack	balanced 1/4" jack	balanced 1/4" jack
4 Group Out	balanced 1/4" jack	balanced 1/4" jack	balanced 1/4" jack	balanced 1/4" jack
4 Aux-Send	balanced 1/4" jack	balanced 1/4" jack	balanced 1/4" jack	balanced 1/4" jack
Frequency range:	10 Hz - 60 kHz, ± 3 dB	10 Hz - 60 kHz, ± 3 dB	10 Hz - 60 kHz, ± 3 dB	10 Hz - 60 kHz, ± 3 dB
Dimensions (WxDxH):	530 x 530 x 160 mm	780 x 530 x 160 mm	1005 x 530 x 160 mm	1290 x 530 x 160 mm
Weight:	14 kg	16 kg	18 kg	19 kg

OMNITRONIC CFL-1242 Live mixer

No. 10060300

- + 12 mono inputs with XLR sockets
- + 48 V phantom power per channel
- + 2 stereo effect returns



- 12 mono inputs with XLR-sockets and balanced line inputs • +48V Phantom-power per channel • 2 stereo inputs via balanced jacks • 2 stereo Effect Returns • Insert for every mono channel • High Pass-filter and 3-band EQ with semi-parametric mids for all mono inputs • 2-LED-meter per input • 4 groups for levelling complete signal groups (e.g. drums) • Mutes for every channel • 4 Aux-Send (2 pre, 2 post) per channel for controlling the effects and for monitoring • Separate Master, Group, Monitor outputs • 100 faders • Precise 12-LED meter in subgroups and stereo-master

OMNITRONIC CFL-1642 Live mixer

No. 10060325

- + 16 mono inputs with XLR sockets
- + 48 V phantom power per channel
- + 2 stereo effect returns



- 16 mono inputs with XLR-sockets and balanced line inputs • +48V Phantom-power per channel • 2 stereo inputs via balanced jacks • 2 stereo Effect Returns • Insert for every mono channel • High Pass-filter and 3-band EQ with semi-parametric mids for all mono inputs • 2-LED-meter per input • 4 groups for levelling complete signal groups (e.g. drums) • Mutes for every channel • 4 Aux-Send (2 pre, 2 post) per channel for controlling the effects and for monitoring • Separate Master, Group, Monitor outputs • 100 faders • Precise 12-LED meter in subgroups and stereo-master