

# EUROPOWER PMP560M

## 500-Watt 6-Channel Powered Mixer with KLARK TEKNIK Multi-FX Processor, Compressors, FBQ Feedback Detection System and Wireless Option

- Ultra-compact 500-Watt powered mixer
- Revolutionary Class-D amplifier technology: enormous power, incredible sonic performance and super-light weight
- 6 “Invisible” IMP mic preamps with switchable +48 V phantom power for condenser microphones
- Ultra-high quality KLARK TEKNIK FX processor with 25 presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects
- Studio-grade compressors with super-easy “one-knob” functionality and control LED for professional vocal and instrumental sound
- Revolutionary FBQ Feedback Detection system instantly reveals critical frequencies for easy feedback removal
- “Wireless-ready” for high-quality BEHRINGER digital wireless system (not included)
- Mixer section features 6 mono channels plus separate Aux input
- Effective, extremely musical 3-band EQ, switchable Pad and Clip LEDs on all channels
- Dual 7-band graphic EQ allows precise frequency correction of monitor and main outputs
- Selectable dual mono (main/main, main/monitor) amplifier operation
- Processing function adjusts frequency response to match professional speaker systems like BEHRINGER EUROLIVE series, etc.



When you need superior sound quality for small club gigs, churches or speeches, but want to keep the outboard gear to a minimum, get ready to love the new PMP560M powered mixer. This 500-Watt, 6-channel all-in-one combines the features of our best-selling small-format mixers with freshly-designed FX processors from KLARK TEKNIK FX and Class-D amplifier technology—virtually everything you need for great sound in an easy-to-use, portable form factor.

### Massive Power—Ultra Lightweight

Most powered mixers in this class tease you with maybe 100 or 200 Watts of output power. Not this bad boy—it comes armed with 500 Watts of the cleanest output you’ll find anywhere! Our revolutionary Class-D amplifier and Switch-Mode Power Supply technologies keep the weight down by eliminating the heavy transformers and massive heat sinks found in traditional amps.



### Top-of-the-Line KLARK TEKNIK Effects

Our sister company, KLARK TEKNIK, recognized the world over for their high-end signal processors, provided PMP’s FX engines, which feature some of the best-sounding studio-grade presets in the industry.

### Make a Good First Compression

Our “one-knob” compressors are available on all mono channels and are super-easy to operate, even for entry-level users. Now you can dial in the perfect amount of compression

### Stop Feedback Dead in its Tracks

Every PMP Series powered mixer features our FBQ Feedback Detection System. Fast, dependable, and super-easy to use, just press the FBQ In switch and the graphic EQ sliders light up showing which frequencies are causing the problem. With BEHRINGER FBQ, you can say goodbye to feedback forever!

### Wireless-Ready Performance

This new PMP550M mixer comes ready for wireless performance right-out-of-the-box. Just add our ULTRALINK ULM100USB system (sold separately), which comes with a high-quality 2.4 GHz wireless mic and a super-small receiver that plugs into a dedicated USB-style port on the mixer.

*Continued on next page*

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- Standby switch mutes all input channels during breaks while background music is provided via Aux input
- Adjustable Aux input for connecting external signal sources
- Internal switch-mode power supply, noise-free audio, superior transient response and very low power consumption
- Rack mount brackets included

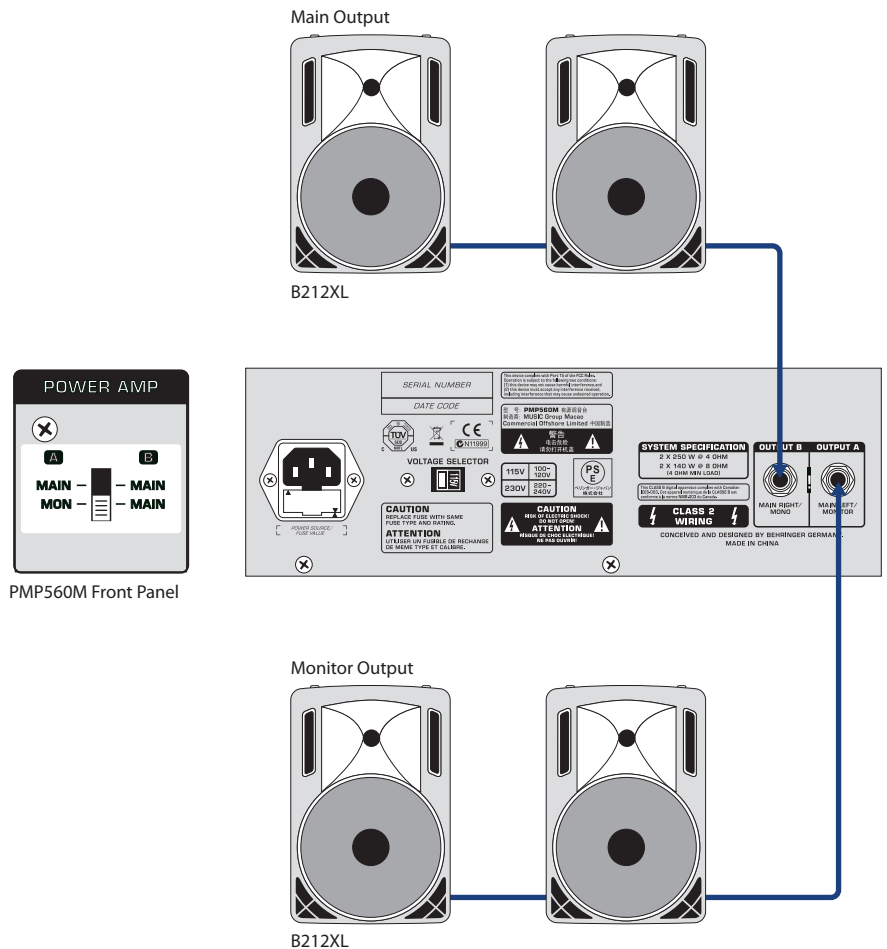


### Small, Simple, Superb

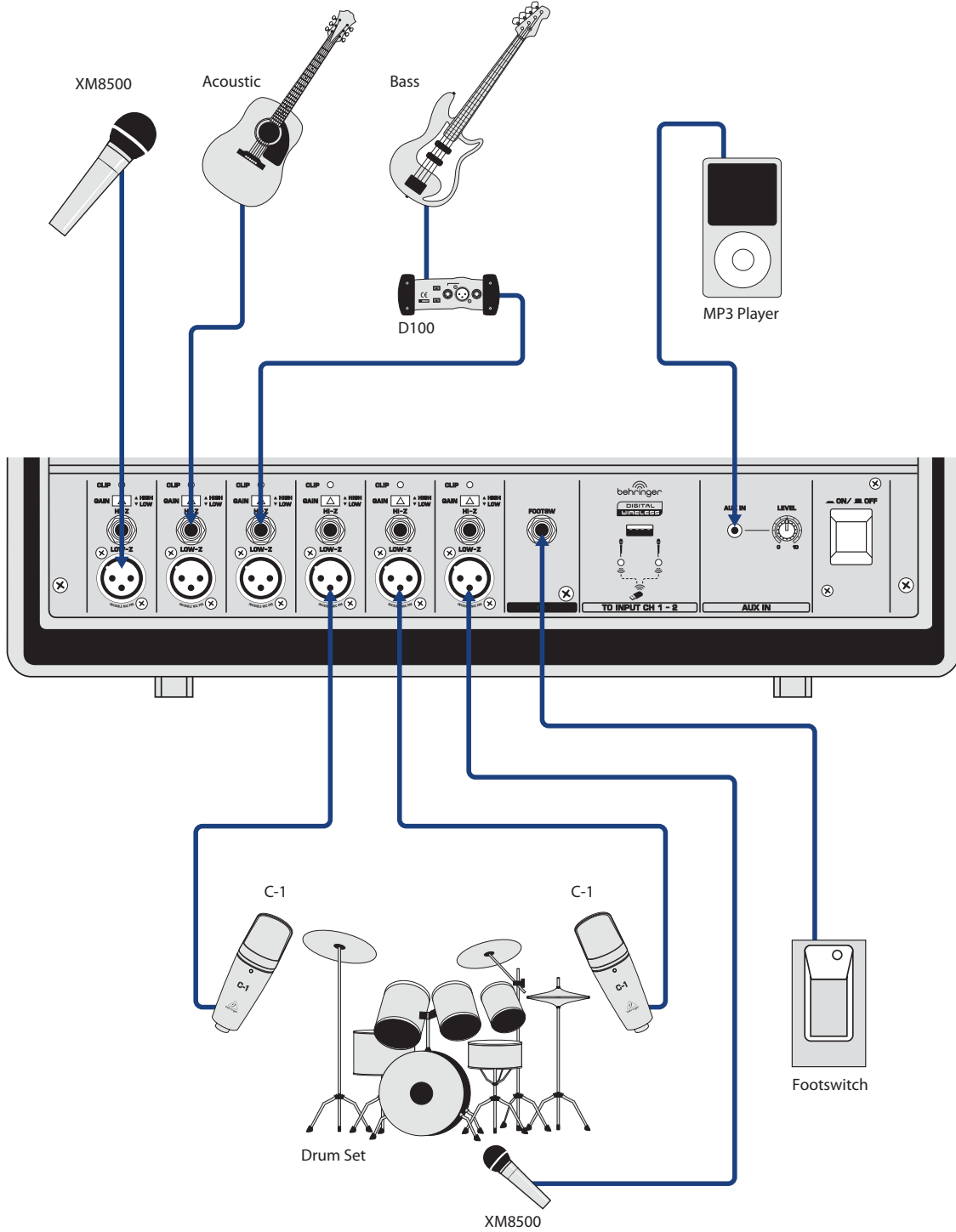
Small, simple events call for a lightweight, simple powered mixer, and these are the most efficient, affordable mixers for the job. They're easy to learn and operate, plus with so many incredible built-in features, they make it easy to put on a show in an instant.

Stop by your BEHRINGER dealer today and check out the new PMP560M powered mixer—and put a little “easy” into your life!

### Dual Mono Mode Mains and Stage Monitors

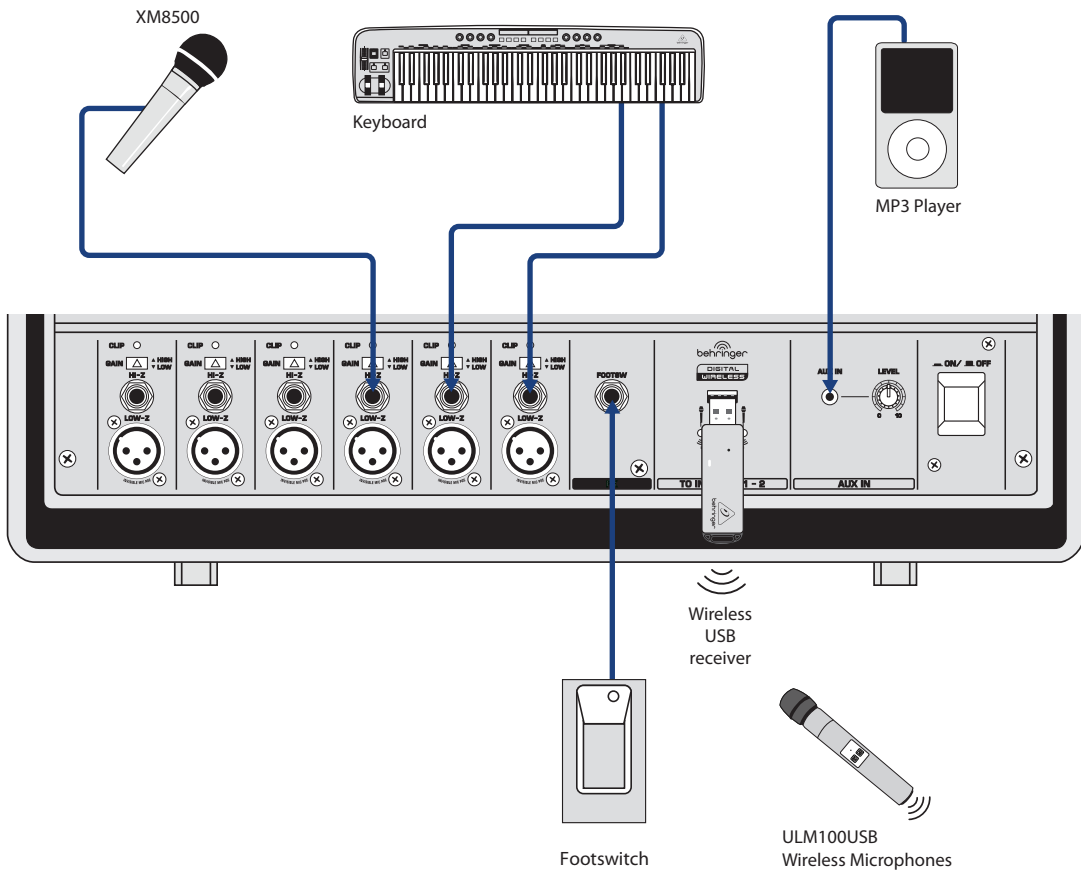
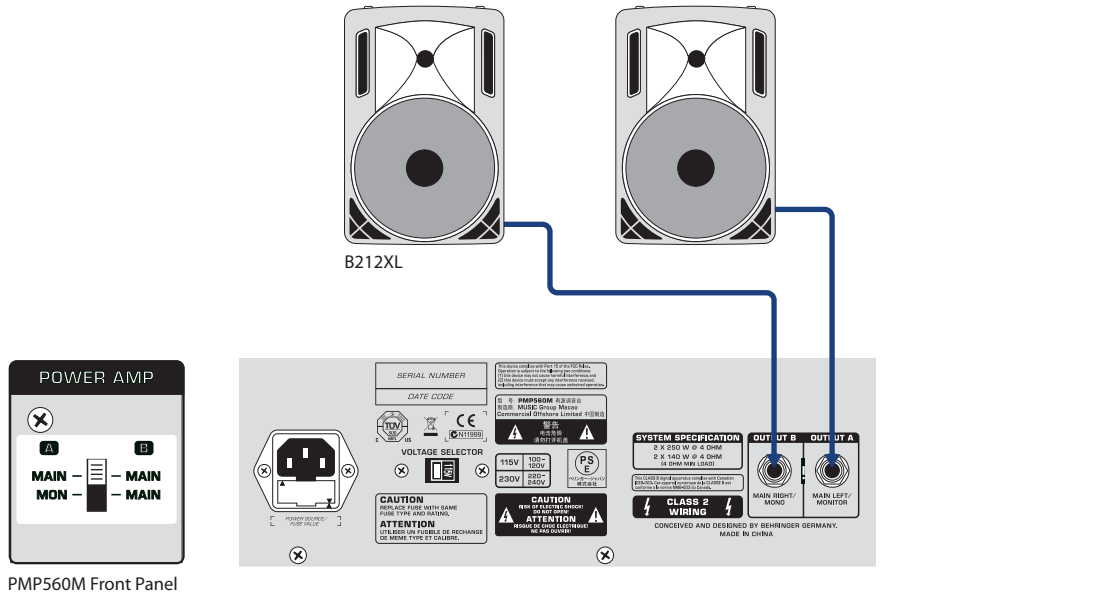


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## Mono Mode Main A / Main B



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Monitor Graphic EQ

Monitor FBQ Feedback Detection button

Monitor FX Return knob

FX Program display

FX on/off button

FX selector knob

Tap tempo button

Main FX Return knob

Main Graphic EQ

Main FBQ Feedback Detection button

Main Level knob

Standby (CH 1-6 MUTE) button

Monitor level meter

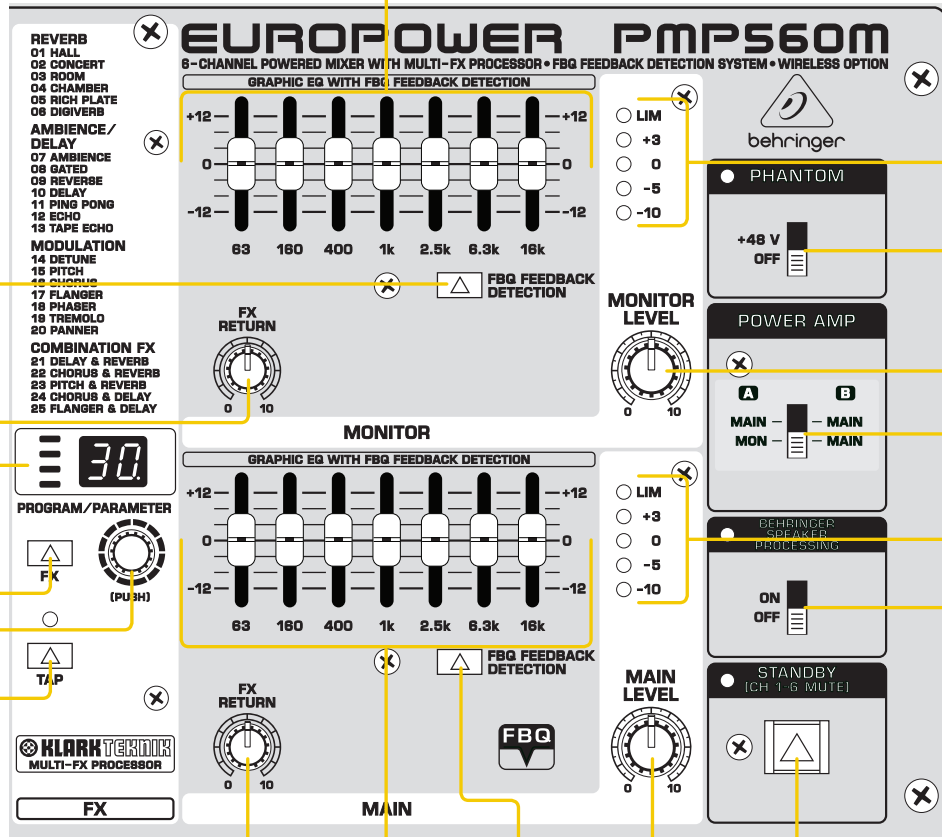
Phantom +48 V switch

Monitor Level knob

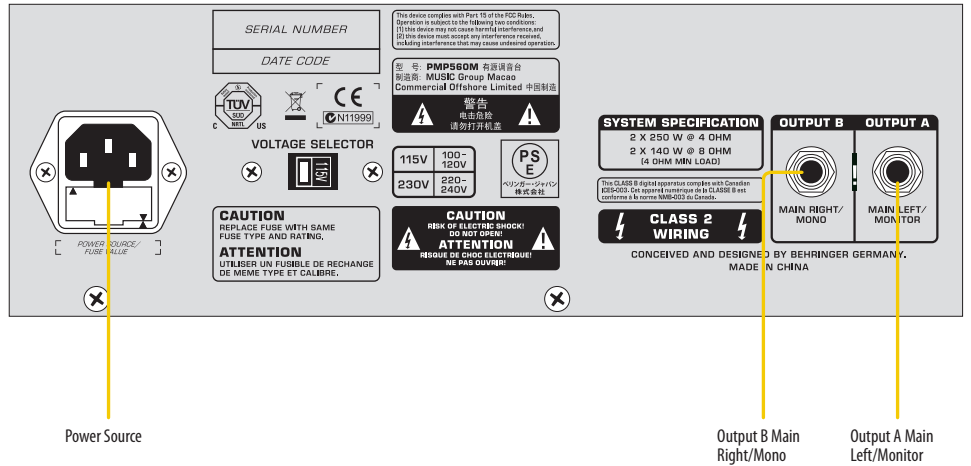
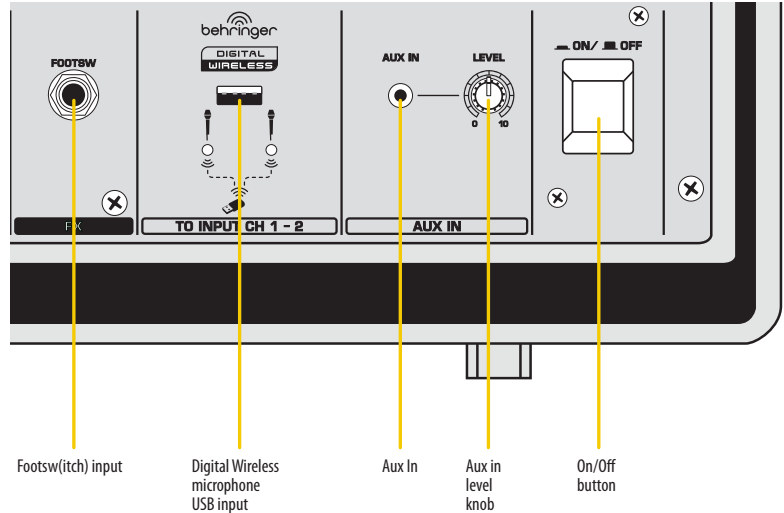
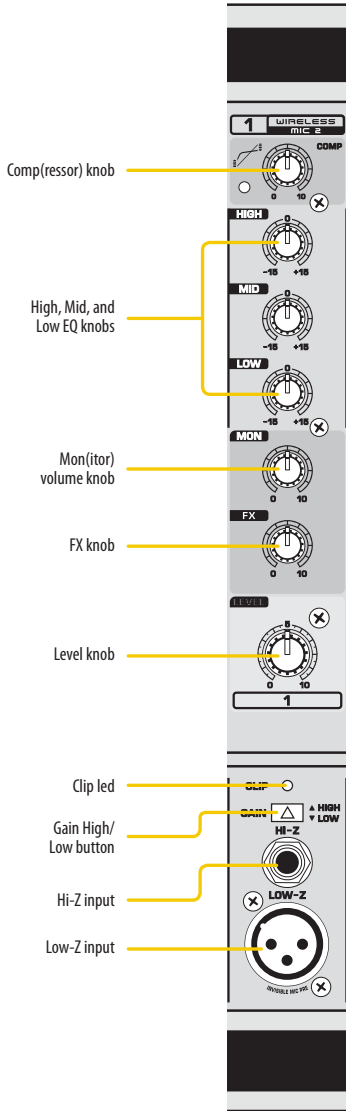
Power Amp A/B selector switch

Main level meter

Speaker Processing On/Off switch



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## Specifications

### Microphone Inputs

|                                 |  |
|---------------------------------|--|
| Type                            | XLR, electronically balanced                           |
| Mic E.I.N. (20 Hz - 20 kHz)     |  |
| @ 0 $\Omega$ source impedance   | -110 dB / 113 dB A-weighted                            |
| @ 50 $\Omega$ source impedance  | -110 dB / 113 dB A-weighted                            |
| @ 150 $\Omega$ source impedance | -110 dB / 113 dB A-weighted                            |
| Gain                            | +29 dB, +9 dB with pad                                 |
| Max. input level                | +12 dBu @ 10 dB gain                                   |
| Impedance                       | 2.0 k $\Omega$ balanced /<br>1.0 k $\Omega$ unbalanced |
| Phantom power                   | Switchable +48 V                                       |

### Mono Line Inputs

|                  |                            |
|------------------|----------------------------|
| Type             | ¼" TRS connector, balanced |
| Impedance        | approx. 20 k $\Omega$      |
| Max. input level | +21 dBu                    |

### Stereo Line Inputs

|                  |                             |
|------------------|-----------------------------|
| Type             | ¼" TS connector, unbalanced |
| Impedance        | approx. 20 k $\Omega$       |
| Max. input level | +21 dBu                     |

### Equalizer

|      |                       |
|------|-----------------------|
| Low  | 80 Hz / $\pm 15$ dB   |
| Mid  | 2.5 kHz / $\pm 15$ dB |
| High | 12 kHz / $\pm 15$ dB  |

### Main Mix System Data

|   |                            |
|---|----------------------------|
| Noise   |                            |
| Main mix @ $-\infty$ ,<br>channel fader @ $-\infty$ | -90 dB / -94 dB A-weighted |
| Main mix @ 0 dB,<br>channel fader @ $-\infty$       | -77 dB / -86 dB A-weighted |
| Main mix @ 0 dB,<br>channel fader @ 0 dB            | -73 dB / -79 dB A-weighted |
| Frequency response<br>(amplifier output)            | 20 Hz – 20 kHz (+0/-3 dB)  |

### Amplifier (Per Channel)

|                  |                 |
|------------------|-----------------|
| Max output power | 250 W* + 250 W* |
|------------------|-----------------|

### Loudspeaker Outputs

|                |                 |
|----------------|-----------------|
| Type           | ¼" TS connector |
| Load impedance | 4-8 $\Omega$    |

### DSP

|               |                    |
|---------------|--------------------|
| Type          | KLARK TEKNIK       |
| Converter     | 24-bit Sigma-Delta |
| Sampling rate | 40 kHz             |

### Wireless System

|                                      |   |
|--------------------------------------|---|
| BEHRINGER ULM Series<br>USB Receiver | USB socket accepts signals from 2<br>independent BEHRINGER ULM mics |
|--------------------------------------|---|

### Display

|      |                        |
|------|------------------------|
| Type | 2-digit, 7-Segment LED |
|------|------------------------|

### Power Supply

|                  |   |
|------------------|---|
| Mains voltage    | 100-120 V~ (for UL, JP, CA);<br>220-240 V~ (for EU, AU, UK, CN) |
| Fuse             | 100-120 V~, T 5 A H 250 V;<br>220-240 V~, T 3.15 A H 250 V      |
| Mains connection | Standard IEC receptacle   |

### Dimensions/Weight

|                        |  |
|------------------------|--|
| Dimensions (H x W x D) | 12.0 x 17.7 x 6.3"<br>305 x 450 x 160 mm |
| Weight                 | 15 lbs / 6.8 kg                          |

\*Independent of limiters and driver protection circuits

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