

EUROPOWER PMP580S

500-Watt 10-Channel Powered Mixer with KLARK TEKNIK Multi-FX Processor, Compressors, FBQ Feedback Detection System and Wireless Option

- Ultra-compact 2 x 250-Watt stereo powered mixer
- Revolutionary Class-D amplifier technology: enormous power, incredible sonic performance and super-light weight
- 8 "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)
- 10-channel mixer section features 6 mono and 2 stereo channels plus separate Aux input
- Effective, extremely musical 3-band EQ, switchable Pad and Clip LEDs on all mono channels
- Stereo 7-band graphic EQ allows precise frequency correction of monitor and main outputs



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 PMP580S powered mixer. This stereo 500-Watt, 10-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 for instruments and vocals, creating powerful mixes with punch and clarity—just like the pros.

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 PMP580S 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.

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- Selectable stereo (main L/R), double mono (main/monitor) amplifier operation
- Speaker Processing function adjusts frequency response to match professional speaker systems like BEHRINGER EUROLIVE series, etc.
- Standby switch mutes all input channels during breaks while background music is provided via Aux input
- Adjustable stereo 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

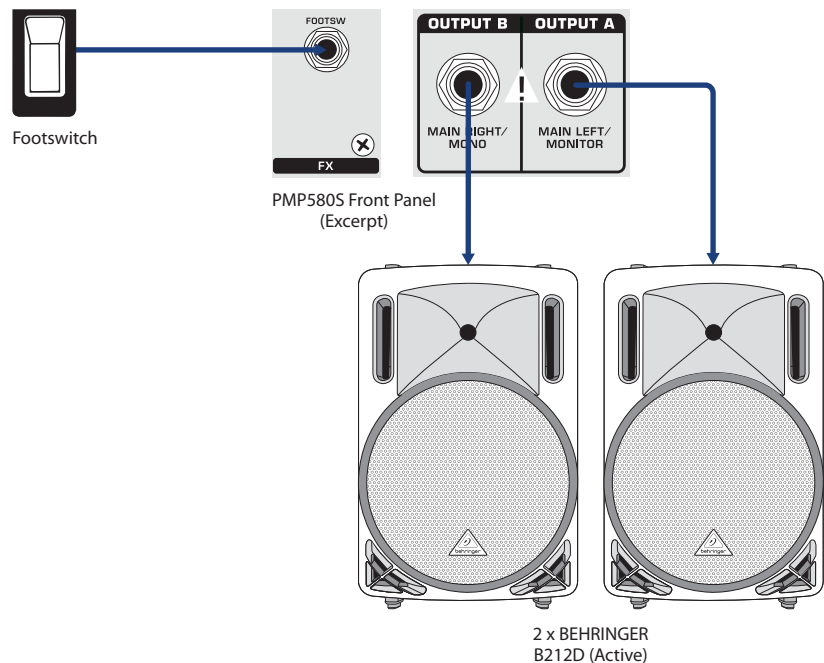


Small, Simple, Superb

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.

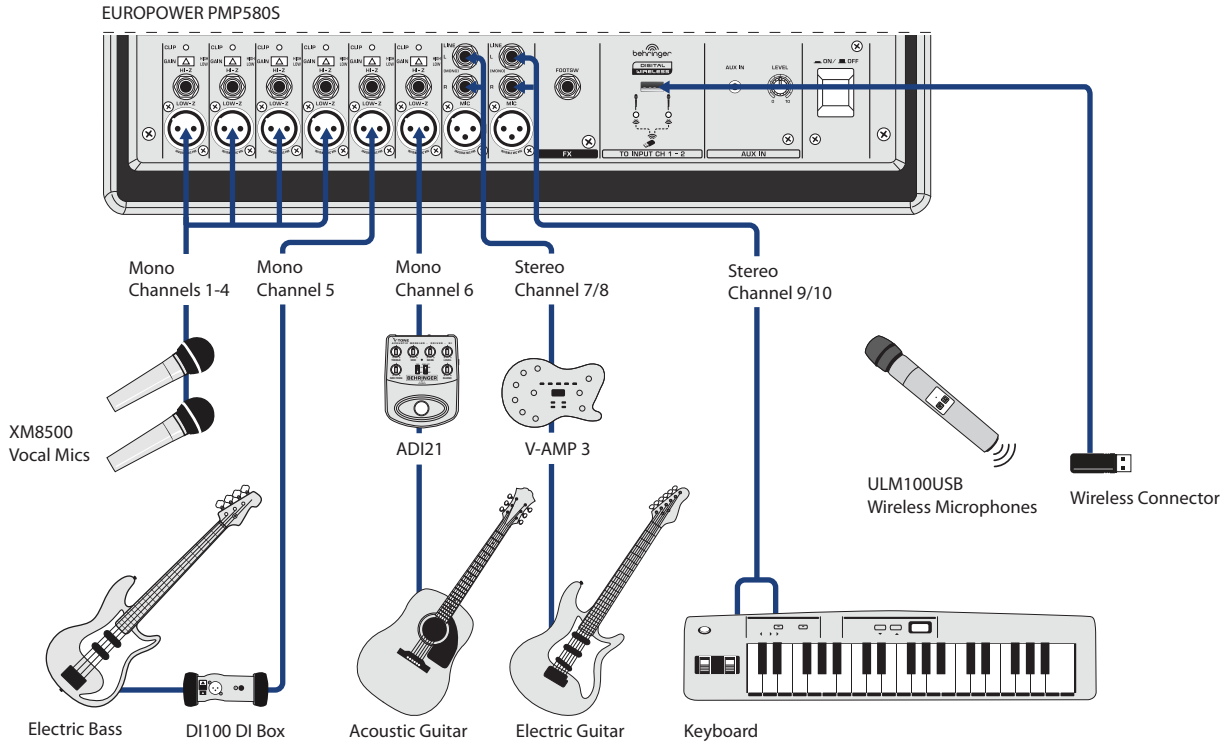
Stop by your BEHRINGER dealer today and check out the new PMP580S powered mixer—and put a little “easy” into your life!

Loudspeaker (Monitor Mix)

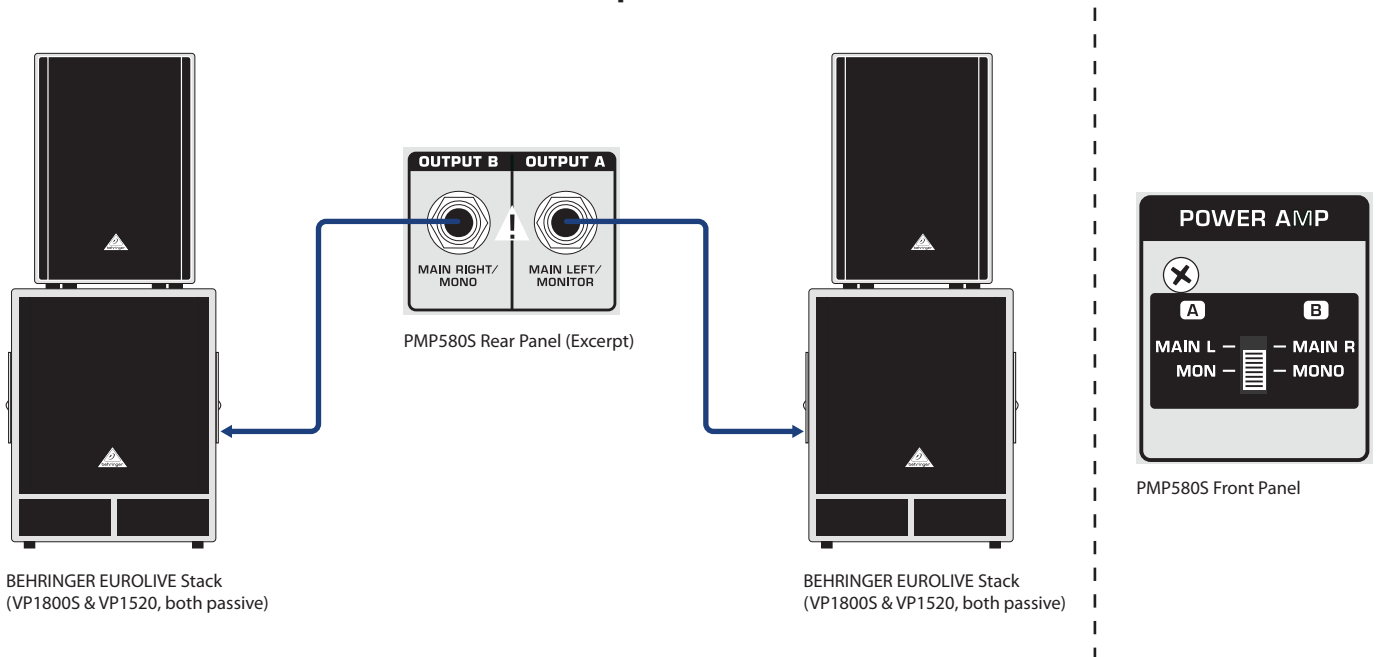


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Front Panel

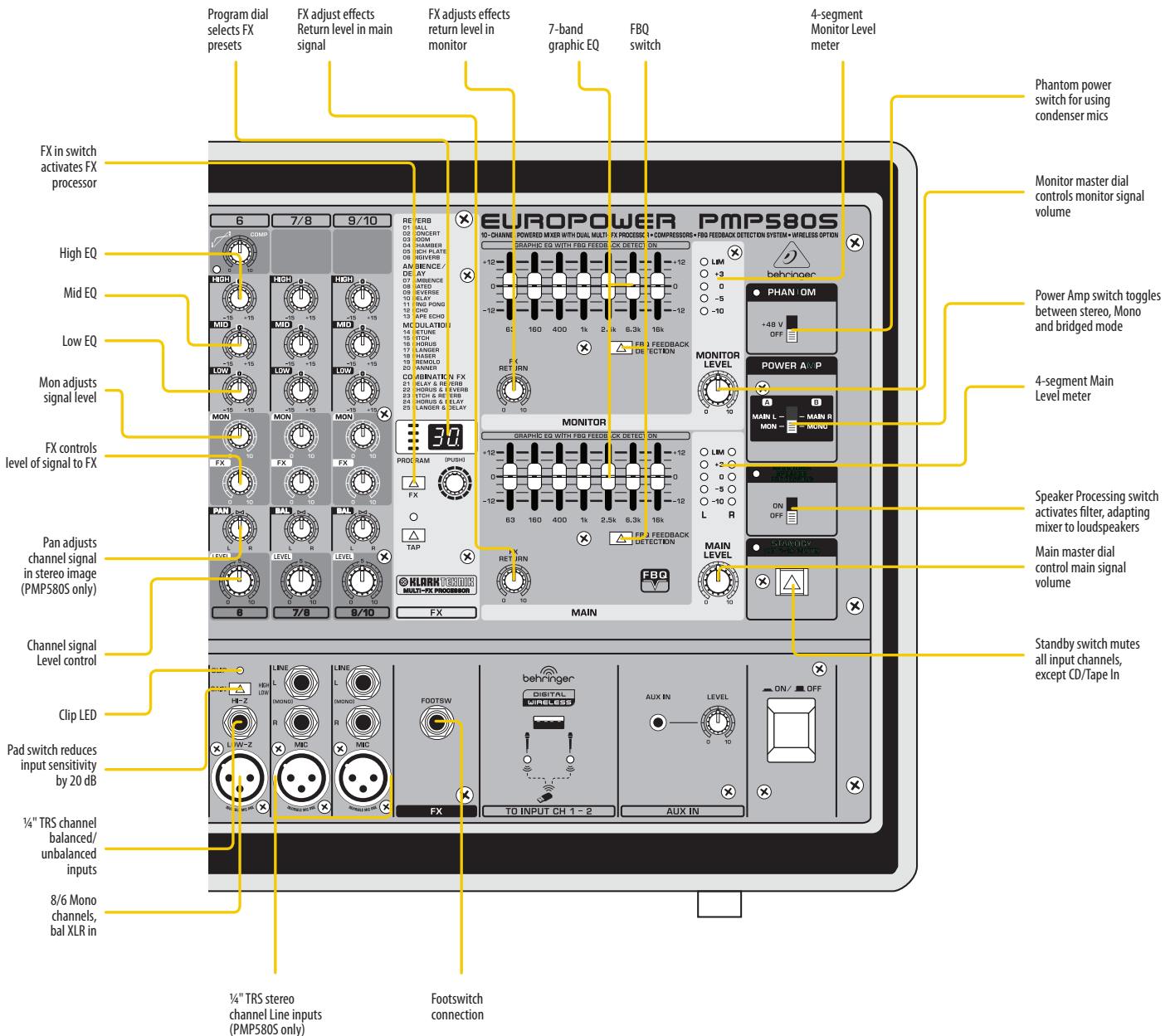
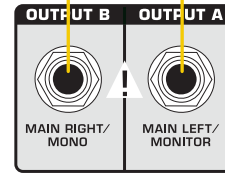


Loudspeaker (F.O.H. Mix)



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Output A & B
Connect to
passive PA
speakers



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Specifications

Microphone Inputs

Type	XLR, electronically balanced
Mic E.I.N. (20 Hz - 20 kHz)	
@ 0 Ω source impedance	-110 dB / 113 dB A-weighted
@ 50 Ω source impedance	-110 dB / 113 dB A-weighted
@ 150 Ω 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 Ω balanced / 1.0 k Ω unbalanced
Phantom power	Switchable +48 V

Mono Line Inputs

Type	¼" TRS connector, balanced
Impedance	approx. 20 k Ω
Max. input level	+21 dBu

Stereo Line Inputs

Type	¼" TS connector, unbalanced
Impedance	approx. 20 k Ω
Max. input level	+21 dBu

Equalizer

Low	80 Hz / ± 15 dB
Mid	2.5 kHz / ± 15 dB
High	12 kHz / ± 15 dB

Main Mix System Data

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

Amplifier (Per Channel)

Max output power	250 W* + 250 W*
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Loudspeaker Outputs

Type	¼" TS connector
Load impedance	4-8 Ω

DSP

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

Display

Type	2-digit, 7-Segment LED
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Power Supply

Mains voltage	100-120 V~ (for UL, JP, CA); 220-240 V~ (for EU, AU, UK, CN)
Fuse	100-120 V~, T 5 A H 250 V; 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" 305 x 450 x 160 mm
Weight	15.2 lbs / 6.9 kg

*Independent of limiters and driver protection circuits

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For service, support or more information contact the BEHRINGER location nearest you:

Europe
MUSIC Group Services UK
Tel: +44 156 273 2290
Email: CARE@music-group.com

USA/Canada
MUSIC Group Services NV Inc.
Tel: +1 702 800 8290
Email: CARE@music-group.com

Japan
MUSIC Group Services JP K.K.
Tel: +81 3 6231 0454
Email: CARE@music-group.com

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