

Mi Series COMPACT MIXERS



The new **Mi Series** has been created by PROEL in order to offer very compact mixers with a **high input density** and a **superior audio quality** at a very affordable price.

The series includes **3 models** with 6, 10 and 12 channels, featuring in a **very compact package** a high number of inputs and a full set of **intelligent functions**, able to satisfy most of the sound reinforcement applications. **Designed and engineered in Italy** by PROEL, Mi mixers are hosted in an ultra-rugged stylish metal case, providing extended durability for a stage-proof use.

The smallest model of the series, **Mi6**, offers in a ultra-compact format the performance of large professional consoles, delivering a clean and accurate sound and full mixing capability.

With respectively 10 and 12 inputs, **Mi10** and **Mi12** feature one of the finest digital effects of its class, the **PROEL 24bit PROFEX DSP**, providing 256 studio-grade presets and a convenient LCD display.



KEY FEATURES

Mi6



Ultra-compact **6-channel** 2-bus mixer

2 MIC/LINE input channels with 2-band EQ and PHANTOM power

Low-noise, very high-headroom microphone preamplifiers

2 STEREO inputs with balance control

Stereo **HEADPHONES / C. ROOM** output

2-TRACK output

Electronically **balanced** MAIN MIX outputs

Two 4-LED **VU-METERS**

Applications: home recording and rehearsal, ultra-small PA systems for schools, gyms and meeting rooms, personal mixer for musicians

Mi10



Compact **10-channel** 2-bus mixer

2 MIC/LINE inputs with 3-band EQ, LO-CUT and PHANTOM power

Low-noise, very high-headroom microphone preamplifiers

4 STEREO LINE inputs with balance control and effect send

1 AUX send

2-TRACK, HEADPHONES and CONTROL ROOM outputs

24bit PROFEX DSP with 256 presets, TAP delay and 2-digit display

Electronically balanced MAIN MIX outputs

Two 4-LED **VU-METERS**

Applications: small live bands (2 to 4 people), home and multimedia applications, rehearsal rooms, small fixed installations

Mi12



Compact **12-channel** 2-bus mixer

4 MIC/LINE inputs with 3-band EQ, LO-CUT and PHANTOM power

Low-noise, very high-headroom microphone preamplifiers

4 STEREO LINE inputs with balance control, monitor and effect send

2 AUX sends

2-TRACK, HEADPHONES and CONTROL ROOM outputs

24bit PROFEX DSP with 256 presets, TAP delay and 2-digit display

Electronically balanced MAIN MIX outputs with 45mm fader

Two 4-LED **VU-METERS**

Applications: small live bands (3 to 5 people), home and multimedia applications, rehearsal rooms, small fixed installations

M Series COMPACT MIXERS



After 5 years of successful sales all around the world and thousands of satisfied users, PROEL renovates its range of compact mixers with an assortment of novelties. All the models in the **M Series** have been updated with **new and improved features** and repacked into a **new stylish package**.

While keeping the superior audio quality, the full set of features and the highest number of MIC inputs in the category that have been the hallmarks of the previous M Series, we have added extra 'intelligent' functions, such as **USB routing** and **channel COMPRESSORS**. All the M models feature the new **PROEL 24bit PROFEX DSP**, one of the finest digital effect of its class, providing 256 studio-grade algorithms (including mono and stereo TAP DELAY) and a convenient LCD display.

Designed and engineered in Italy by PROEL, M mixers are hosted in an ultra-rugged stylish metal case with ABS sides, providing extended durability for a stage-proof use. As in the previous series, all the models include both a **padded carrying bag** and **metal brackets for 19" rack mounting**.

The ultra-portable **M602FX** with 2 mono and 2 stereo channels provides the most demanding performers with all the functions necessary to mix a limited number of signals with utmost accuracy.

The 8-in, 6-mic **M822USB** now includes a versatile **USB routing section**, for a complete control of the signals to and from the PC and a built-in universal power supply.

M1622USB, offering 16 inputs and 12 microphone channels, has been fitted not only with **one more AUX** send and with the **USB routing**, but also with an easy-to-use **COMPRESSOR** section on each MONO channel.



M602FX



KEY FEATURES

Compact **6-channel** 2-bus mixer

2 MIC/LINE inputs with 3-band EQ and PHANTOM power

2 MIC/LINE STEREO inputs with 3-band EQ

1 AUX send

24bit PROFEX DSP with 256 effects, TAP delay and LCD display

2-TRACK IN & OUT with level control

PHONES and C.ROOM outputs

Balanced MAIN MIX output with **45mm fader**

Two 8-LED VU-METERS

Applications: small live bands (2 to 4 people), home and multimedia applications, small fixed installations, rehearsal rooms

M822USB



Compact **8-channel** 4-bus mixer

4 MIC/LINE inputs with LO-CUT, 3-band EQ and PHANTOM power

2 MIC/LINE STEREO inputs with 3-band EQ

2 AUX sends (MON + FX)

24bit PROFEX DSP with 256 effects, TAP delay and LCD display

2-TRK IN & OUT with separate level control

ALT 3-4, PHONES and C.ROOM (with fader) outputs

USB IN&OUT with ROUTING

45mm faders

Balanced MAIN MIX output with XLR connectors on top panel

Two 8-LED VU-METERS

Applications: small live bands (4 to 6 people), home and multimedia applications, small fixed installations, rehearsal rooms

M1622USB



Compact **16-channel** 4-bus mixer

8 MIC/LINE inputs with LO-CUT, 3-band EQ, PHANTOM power and **COMPRESSOR**

4 MIC/LINE STEREO inputs with 4-band EQ

4 AUX sends and **2 GROUPS**

24bit PROFEX DSP with 256 effects, TAP delay and LCD display

2-TRK IN & OUT with separate level control

PHONES and C.ROOM outputs

60mm faders

Balanced MAIN MIX output with XLR connectors on top panel and **INSERT**

7-band GRAPHIC EQ

USB IN&OUT with ROUTING

Two 8-LED VU-METERS

Applications: full live bands, large multimedia applications, fixed installations in large conference room, clubs and theaters

FLASH12HDA ACTIVE PROCESSED LOUDSPEAKER SYSTEMS

FLASH HDA are the new PROEL high-performance loudspeaker systems with injected PP cabinets, offering in compact and affordable packages the most advanced **technology** applied to transducers, digital processing and power amplifiers.

FLASH12HDA is the evolution of the successful FLASH12HA model and feature a newly designed, lightweight **CLASS D** amplifier module with **SMPS**, able to deliver an outstanding **1200W** of peak power in a lightweight package to the high-efficiency **CELESTION transducers**: the result is an impressive sound pressure level with a flat response and minimum distortion.

The system is processed by a built-in 96Khz 40bit **CORE DSP**, which provides an outstanding sound definition and a dynamic performance typical of high-end professional systems. Thanks to the CORE DSP, featuring a powerful **DYNAMIC EQ, 4 different EQ presets (FLAT, DJ, SPEECH, MONITOR)** are available for adapting perfectly the system to the most common applications.



KEY FEATURES

Active **processed** 2-way loudspeaker system

1" CELESTION compression driver with **1.75" VC** on a constant coverage **90° x 60°** horn

12" CELESTION woofer with **3" VC**

500W class D + 100W class AB power module with **SMPS - 1200W peak power**

•96 KHz, 40bit floating point **CORE digital processor** with Dynamic EQ (DEQ)

LINE/MIC input

4 EQ PRESETS (FLAT, DJ, SPEECH, MONITOR)

SPL MAX: 128 dB

Frequency response: 50 Hz - 20 kHz

Lightweight polypropylene cabinets

2 aluminium handles on the cabinet's sides and one handle on the top panel

Symmetrical trapezoidal design for the use as a **wedge monitor**

4 M10 flying points

WD SERIES ACTIVE COAXIAL STAGE MONITORS



The new **WEDGE Series** by PROEL is a complete range of **active stage monitors** designed to offer not only to professional musicians and rental companies, but also to amateur musicians and non-professional users, a **valuable and affordable monitoring solution**. Each of the three WD models provides a **perfect sound intelligibility** and a **high SPL** in an extremely **light-weight** and portable enclosure.

The **coaxial transducers**, designed under PROEL specifications, represent the best choice for stage monitors, not only because they fit into more compact cabinets, but also for the fact that they provide a perfect alignment in the emission of high and low frequencies and a controlled directivity, for a perfect listening from any position.

The lightweight **CLASS D** amplifier modules with **SMPS**, coupled to a sophisticated **analog processing**, provide an impressive sound pressure level, with an extremely detailed response particularly in the vocal range, and a remarkable **resistance to feedback**. Two tailored **EQ PRESETS** are available for the use of the speaker not only for stage monitoring (**MONITOR**), but also as a MAIN SOUND SYSTEM (**FOH**). A built-in **DUAL CLIP LIMITER** provides a clean and undistorted sound at any time, while protecting efficiently the transducers.

The **low-profile**, stylish and unobtrusive cabinet, finished with scratch-resistant polyurethane painting, fits perfectly on any stage. The reinforced metal grille and the recessed connection panel provided added **protection**, while the pole adapter offers the possibility to install the system also on a speaker stand.

WD10A, the **ultra-compact** model of the series, offers a high-performance monitoring also on small stages or venues with a limited space and it's the ideal solution for speech, vocals and keyboards.

WD12A, with its high SPL and its **full-range response**, is the favourite choice for vocals, guitar, horns and electronic instruments or as a high-power monitor for DJs.

WD15A, with its **full extension** and powerful and deep response at the low frequencies, is the ideal monitor for bass and drums players. The **horn-loaded HF** section and the powerful amplifier make it the perfect solution for monitoring also in very large stages.



KEY FEATURES



Active 10" 2-way coaxial **stage monitor**

1" neodymium compression driver with **1" VC**

10" woofer with **2" VC**

200W class D + 50W class AB power module with
SMPS - 500W peak power

SPL MAX: 123dB

Frequency response: 60 Hz - 20 kHz



Active 12" 2-way coaxial **stage monitor**

1" compression driver with **1.35" VC**

12" woofer with **2.5" VC**

300W class D + 50W class AB power module with
SMPS - 700W peak power

SPL MAX: 124dB

Frequency response: 50 Hz - 20 kHz



Active 15" 2-way coaxial **stage monitor**

1" compression driver with **1.35" VC** on a
waveguide

15" woofer with **3" VC**

400W class D + 50W class AB power module with
SMPS - 900W peak power

SPL MAX: 126dB

Frequency response: 45 Hz - 20 kHz

FREEPACK65 PORTABLE SOUND SYSTEM



The new PROEL **FREEPACK65** is an **all-in-one, luggage-style sound system** combining in an **ultra-portable, easy-to-use package** everything musicians and other PA users need for playing: a full-featured **mixer with digital effect and media player**, a powerful **amplifier**, two full-range **speakers** and high-quality connection **cables**.

FREEPACK65 is a complete PA systems that, even if compact in size, quick to setup and simple to use, is packed with a **full set of features** and delivers an **unexpected sound quality** for this kind of systems. The **8-channel, 2x250W powered mixer**, including a **USB/SD media player with large LCD**, is coupled perfectly with the two speakers in a stylish luggage-style package, making transport and installation quick and easy. A convenient and large **compartment** on the back of the mixer can contain all the connection cables and other accessories. Two

high-quality PROEL speaker cables with ultra-durable 1/4" metal jack connectors are also provided.

The two **speakers**, hosted in **lightweight PP cabinets**, feature a **3-way design** with **1" compression driver**, two **3" midrange** and two **6.5" woofer**, which can provide a **clean and defined sound** together with an **extended response**.

Thanks to its versatility and portability, **FREEPACK65** can be used in a variety of applications, such as **live gigs** for singers or small bands, **education and sporting events**, **seminars** and **presentations**.

KEY FEATURES

All-in-one luggage-style sound system with two speakers, power mixer and media player

7 MIC/LINE MONO inputs

1 LINE STEREO input

2-band channel EQ

16-preset **DIGITAL MULTIEFFECT**

USB/SD player with LCD display

2x9-LED VU-METER

2-TRACK and **PRE-AMP** out

Dual 250W **CLASS D power amplifier** with **SMPS**

3-way speakers with 1" compression driver, 2x3" midrange and 2x6.5" woofer

2 x 7.5mt. **PROEL power cables** with metal 1/4" JACK

Convenient **accessory compartment**



FREEPASS10 PORTABLE SOUND SYSTEM



The new PROEL **FREEPASS10** is an **all-in-one sound system** combining in an **ultra-portable, easy-to-use package** everything musicians and other PA users need for playing: a full-featured **mixer**, a powerful **amplifier**, two full-range **speakers** and high-quality connection **cables**.

FREEPASS10 is a complete PA systems that, even if compact in size, quick to setup and simple to use, is packed with a **full set of features** and delivers an **unexpected sound quality** for this kind of systems. The **8-channel**,

2x250W powered mixer fits perfectly in one of the two speakers and it can be used as it is or detached with a simple operation. The second speaker includes a convenient and large **compartment** that can contain all the connection cables and other accessories. Two **high-quality PROEL speaker cables** with ultra-durable 1/4" metal jack connectors are also provided.

The two **speakers**, hosted in **lightweight PP cabinets**, feature a horn-loaded **1.35" VC compression driver** and a **10" woofer**, able to provide a clean and powerful **full-range sound** with **high SPL**. A large handle on top of the cabinet and a pole holder on the bottom make transport and installation quick and easy.

Thanks to its versatility and portability, **FREEPASS10** can be used in a variety of applications, such as **live gigs** for singers or small bands, **education and sporting events**, **seminars** and **presentations**.

KEY FEATURES

All-in-one system with two speakers and detachable power mixer

4 MIC/LINE MONO inputs with phantom power

2 LINE STEREO inputs

2-band channel EQ

ECHO / DELAY effect

MUSIC/SPEECH main EQ

7-LED VU-METER

2-TRACK and **MONITOR** out

Dual 250W **CLASS D** power amplifier with **SMPS**

2-way speakers with 1" horn-loaded compression driver and 10" woofer

2 x 7.5mt. **PROEL power cables** with metal 1/4" JACK

Convenient **accessory compartment**



100 SERIES STAGE GEAR



PROEL introduces in the STAGE GEAR family a Series of 8 new exciting models.

The **100 Series** is a range of accessories and useful **tools** designed to complement audio systems for **stage applications, recording studios and fixed installations**. The range includes two D.I Boxes, a signal splitter, a PHANTOM power supply, two headphones amplifiers, a universal power supply and a TUVE mic prepamp.

Hosted in a stylish extruded and stackable **aluminum chassis**, the 100 Series products offer quality, versatility and reliability in an affordable package.



DIRECT100A

Active Direct Injection Box

High quality **isolation transformer** for ultra-flat frequency response
Low-noise OP amps with high-quality sound performance
XLR-F and 1/4" JACK input connectors + 1/4" JACK link
XLR-M balanced output
20dB PAD and GND lift switch



DIRECT100P

Passive Direct Injection Box

High quality **isolation transformer** for an accurate signal reproduction
High quality electronic components
1/4" JACK input and link connectors
XLR-M balanced output
20dB & 40dB PAD and GND lift switch



SPLIT100

Signal Splitter

Splits a microphone or line input signal into two outputs equal to the original
High-quality **isolation transformer** for a complete separation between the two output signals
GND LIFT switch for each output
XLR-F input + XLR-M link connectors, 2 x XLR-M output connectors



PHANTOM100

Phantom Power Supply

Provides **clean and hum-free +48V power supply** for all condenser microphones
 Suitable for all applications where +48V power supply is not available from mixing console (direct recording to PC, use of devices with no phantom power, fixed installations, etc.)
 Powered by DC adaptor (included)



HPAMP104

4-CH Headphone Amplifier

Very compact and portable package
 1/4" JACK + RCA stereo/mono input
4 x 1/4" JACK stereo headphone outputs with individual level controls
 +22dB max output level (per channel)
 10 ohm minimum output impedance (per channel)
 Powered by DC adaptor (included)



HPAMP106

6-CH Headphone Amplifier

6 independent high-power amps suitable for any type of headphones
 4 1/4" JACK selectable main stereo/mono inputs (REAR panel)
 6 1/4" JACK stereo headphone outputs with individual level controls, input selector and (FRONT panel)
300mW max output level at 32 ohm (per channel)
 Built-in power supply with toroidal transformer and voltage selector
 19" rack mountable metal chassis



TUBE100USB

TUBE microphone preamplifier with USB out

12AX7 tube preamp for adding warmth to microphones and instruments
 Low-noise +48V phantom power, PHASE reverse switch, adjustable LO-CUT filter, VOCAL EQ, LIMITER circuit
 Input and output GAIN controls, SATURATION function, dual LEVEL METER
 Microphone (XLR-F) and instrument (1/4" JACK) inputs
 XLR-M and 1/4" JACK balanced outputs
USB 1.1 compliant, compatible with Windows XP/Vista/7 and Mac OS 9.1 and newer



10-Out Power Supply

Universal high-performance power supply for pedal effects

8 x 9VDC outputs, 1 x 12VDC output, 1 x 12VAC output
 Output 7 and 8 with fine power adjustment
 Dip switches for individual adjustment of the 9VDC outputs
 Total output power **2000mA**
 Complete isolation and short-circuit protection for each output
 Superior quality power transformer for hum-free operation
 Full cable set included