



STEREO MIXING CONSOLES

2012 Line-Up for DJ | Production | Installation

It's in the mix.

Welcome to Prosonar – we sincerely appreciate your interest in our products, and would like to take the chance to give you some more insight into why we believe to be a premium choice in the product categories that we serve.

So what's different?

■ We are truly global in our approach. We are neither another Eastern copycat trying to make the same for less, nor are we another Western company trying to mystify their tradition – we are a blend of Western and Asian management and designers, production specialists and sales executives, committed to deliver the best of both worlds: A great product in good quality at a price that the end user can afford.

■ We do not try to make a 'cheap' product – what we try to achieve is to maximize the value of the product, not to minimize the price. This requires and demands the utilization of proper engineering methods and tools, proven part sources and materials, industry-standard procurement and assembly process and a detailed and meticulous quality control effort. That's what we are good at, and that's what we do.

■ Our products are made by and for people who are serious about what they do. While many of our end users may use our products in applications that are of more private and leisure-oriented nature, any of our products is designed by people who come from the professional audio industry, and live up to the standards of this industry.

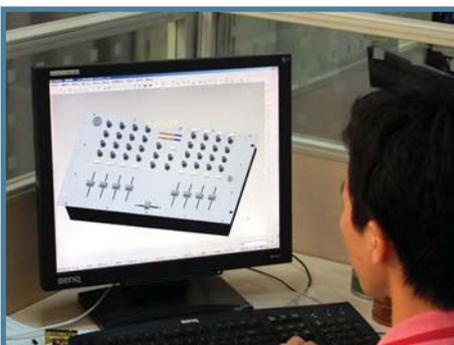
■ We are proud of our brand, our designs and our products - and we wish our customers to be satisfied with their decision throughout the life-time of the product. Hence, availability of spare parts and support through our network of distributors is our core strategic target.

■ We do not only care about our customers, but also about the environment. Our products do comply to the most demanding regulatory requirements such as ROHS and REACH, and operate within the electromagnetic compatibility and electrical safety requirements as set forth in standards such as the EMC Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC.

PROCESSES



■ **PCB Design.** It takes experience and a love to detail to create a layout which both sounds well and performs according to EMC requirements. An integrated Schematic/Layout software facilitates the job.



■ **Mechanical Design.** Creativity and knowledge are needed when a product is supposed to survive years on the road and still to come at an affordable price. Our 3D-CAD-System is indispensable for this task.



■ **Procurement.** We only buy what our engineers approved, while consistency in quality and availability is our target. Our fully integrated ERP/MPR system helps us to achieve our goal.

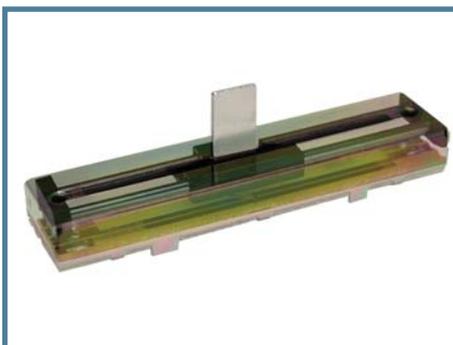


■ **Quality control.** We keep our promise and check every unit 100% utilizing world-famous Audio-Precision S1 test systems. Five of these systems support us in delivering products of reliable quality.

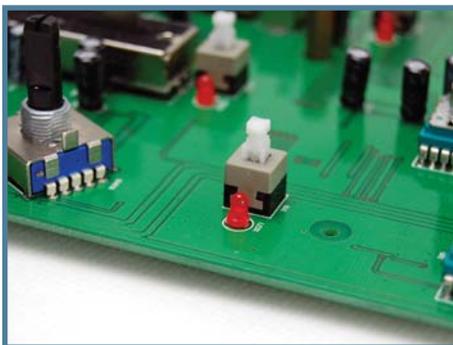
MATERIALS



■ **Branded parts.** Only original parts guarantee the specified performance, that's why we make sure to only see proven brands on our warehouse shelves. Meticulous incoming quality control maintains the set standard.



■ **Heavy-duty electromechanical parts.** We all know that moving parts break first - that is why we only use good switches, potentiometers and dual-rail faders as a standard. They last - and they feel good!



■ **FR4 PCBs.** They cost a little more, but they don't break, and are not sensitive to humidity and other negative environmental influences. That's why you only find dual-layer, FR4-based PCBs in our products.



■ **Zinc plated steel case.** Long-term durability not only for the electronics: our metal cabinets are zinc-plated before they receive a sturdy powder or wet paint coating. This keeps the rust away and your product in good shape.

ROTARY KNOBS (various color combinations available)



■ **Rotary Knob type "O"**. This knob provides an upmarket appearance with its 2-shot molding process which yields a solid, contrasting marker line. Our standard rotary knob.

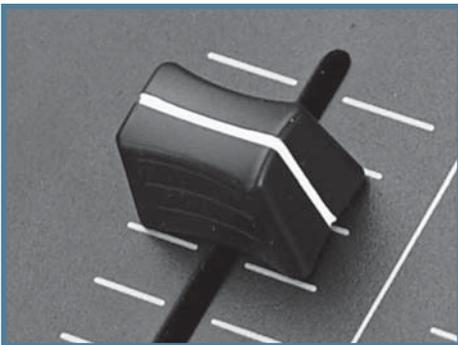


■ **Rotary Knob type "R"**. Another 2-shot design with a protruding, solid marker line and smooth handling due to its synthetic rubber outer shell.



■ **Rotary Knob type "P"**. With its industry-standard appearance and the relatively large diameter, this knob is a good option, both in terms of price and handling.

OTHER KNOBS (various color combinations available)



■ **Fader Knob type "O"**. Our standard fader knob with recessed marker line and excellent manageability.



■ **Recessed Rotary Knob type "O"**. Our standard knob for recessed rotary controls. Embossed, same-color marker line.

LED METERS



■ **Color Combination**. Our standard LED meters are equipped with blue/red LEDs, but other colors are available on request from certain lot sizes on.

Your success is ours.

At Prosonar, we take pride in our products and our brand - and in the fact, that many Prosonar products are eventually sold under some of the most prestigious 3rd party brands in the audio industry. As such, Prosonar products can not only be a key to your success as a brand on their own, but they can also be customized and badged with your own brand.

To give a re-badged product its own identity, we offer various options to modify and customize our products, provided the customer offers a sufficient batch size to justify the effort. Generally, customization is available from batches of 200pcs. onwards. Depending on the degree of customization, such modifications may be subject to surcharge, and you are welcome to discuss your requirements with us.

Standard customization items are:

■ **Surface treatment:** the metal cabinet parts of our products can either be powder-coated (which is the recommended - since more sturdy - finish) or wet painted (which for some specific colors like metal falke effects is required). For powder coating, different surface grain structures are available. Both surface coatings are available in a large range of colors.

■ **Product artwork.** The silkscreen process leaves freedom to customized design from relatively small quantities of 200pcs. on. Please note that each extra color requires an extra printing process and may hence be subject to surcharge.

■ **Knob choice.** For both the fader and potentiometer knobs we offer a few standard choices. For other different design ideas, we will be happy to adopt an existing design or develop a new design, provided the customer is willing to cover the tooling cost. Please note that push button switch cap changes require a change in metal design and are hence subject to a higher minimum quantity.

■ **Printed matter artwork.** Whether user manual or giftbox, both are subject to comparatively simple adaption of the customer's artwork. Please note that customized giftboxes are only economical for quantities above 300pcs. (500pcs. for 4-color).

■ **Supply voltage/AC cords.** We will be happy to supply your product with the required AC voltage for your country; matching power cables for common territories are in stock but certain specific territories may require a surcharge since the minimum quantity for AC cords is 1000pcs.



Standard:
3.5mm top-panel
TRS stereo AUX input



Optional:
USB-based MP3-player
with 3-button control

As the entry-level model of Prosonar's consumer-grade Spintec series, the CSM211 Stereo Mixer makes a difference to what a customer can expect from a mixer in this very affordable price range. Other than its competitors, this mixer has input gain controls, proper faders and a microphone tone control. To bring assistance to a perfect mix, the input levels can be displayed on the VU meter and a premix can be done on the headphones. As an extra feature, a top-panel 3.5mm TRS jack accepts input from MP3 players and alike. As an option, the CSM211 can be equipped with an on-board MP3 player to replay files from an USB memory stick instead of the 3.5mm TRS socket. There is no mixer in the market with better value for money!

Key features

- 2x switchable Phono/Line stereo inputs
- Gain control for two main input channels
- 1x Line stereo input with top-panel 3.5mm TRS stereo socket (version without MP3 player)
- 1x microphone input on rear-side 6.3mm TRS socket
- Tone control for microphone input
- 45mm smooth channel faders and crossfader
- 1 Stereo master output
- Manual Talkover for microphone input which reduces master music level by 20dB for the time the "talk" switch is pressed

- 2x5-LED VU meter, assignable between master and split CUE
- CUE section with volume control and PFL/Main mix control
- Headphones output with 6.3mm rear-side stereo jack
- Unbalanced record output
- External 12V AC power adaptor
- All-metal case
- CE/ROHS compliant

Optional MP3 Player

Instead of the top-panel 3.5mm TRS stereo input jack, a 3-button operated MP3 player can be fitted (no retrofit possible - must be factory-fitted), allowing to play MP3 files from an USB stick (max. 32GB).

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 4W
Dimensions.....	W180xH135xD58mm (39mm mounting depth)
Weight (net).....	0.9 kg

SPECIFICATIONS

Signal/Noise.....	> 75dB (Line)
Crosstalk.....	> 60dB (Line)
THD.....	< 0.07%
Frequency response.....	20Hz - 20 kHz



Standard:
3.5mm top-panel
TRS stereo AUX input



Optional:
USB-based MP3-player
with 3-button control



3-Channel mixers have a loyal following amongst DJ's and this ultra-affordable offering in Prosonar's consumer-grade Spintec series is no exception. The CSM311 Stereo Mixer however brings Prosonar's experience in making some of the best professional DJ mixers into play - which adds 3-band "kill" EQs and gain controls to the inputs, plus includes proper faders and a microphone EQ in the feature set. Assisting with a perfect mix, the input levels can be displayed on the VU meter and a pre-mix can be done on the headphones. As an extra feature, a top-panel 3.5mm TRS jack accepts input from MP3 players and alike. As an option, the CSM311 can be equipped with an on-board MP3 player to replay files from an USB memory stick instead of the 3.5mm TRS socket. A best buy in this class!

Key features

- 2x switchable Phono/Line stereo inputs
- 1x switchable Line/AUX input with top-panel 3.5mm TRS stereo socket (version without MP3 player)
- Gain Controls and 3-Band "Kill EQ" for all input channels
- 1x microphone input on rear-side 6.3mm TRS socket
- 2-Band EQ for microphone input
- 45mm smooth channel faders and crossfader
- 1 Stereo master output

- Manual talkover for microphone input which reduces master music level by 20dB for the time the "talk" switch is pressed
- 2x5-LED VU meter, assignable between master and split CUE
- CUE section with volume control and PFL/Main mix control
- Headphones output with 6.3mm rear-side stereo jack
- Unbalanced record output
- External 12V AC power adaptor
- All-metal case
- CE/ROHS compliant

Optional MP3 Player

Instead of the top-panel 3.5mm TRS stereo input jack, a 3-button operated MP3 player can be fitted (no retrofit possible - must be factory-fitted), allowing to play MP3 files from an USB stick (max. 32GB).

OEM options

- Customization is possible with regards to:
- Knob style and colour (various knob styles available)
 - Cabinet painting colour
 - Silkscreen artwork and colour
 - Packaging artwork



Rear Panel

AC In (EU version).....AC220-250V~ 50Hz
 AC In (US version).....AC110-120V~ 60Hz
 Power consumption.....max. 4W
 Dimensions.....W178xH255xD71mm
 (52mm mounting depth)
 Weight (net).....1.3 kg

SPECIFICATIONS

Signal/Noise.....>75dB (Line)
 Crosstalk.....>60dB (Line)
 THD.....<0.07%
 Frequency response.....20Hz - 20 kHz



As the smallest member of Prosonar's new "Turntablist" series, the TSM221 2-channel-mixer packs all essential features in a compact yet sturdy full-metal case, and is ready to take a DJ's skills right to the dancefloor! While care has been taken to optimize cost, no compromise has been made in terms of features or performance: two stereo inputs with Kill-EQs and a crossfader with adjustable curve are accompanied by a comprehensive prelistening section and a fully-featured microphone input. A balanced master output allows to feed a sound system with professional connectivity. Unlike other mixers of its class, the TSM221 sports an internal power supply, making it superior in audio dynamics to most of its contestants.

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- Stereo inputs with gain control and 3-band EQ (+12/-26dB)
- 1x Mic input with XLR input connector and voice-specific 2-band EQ plus "on air" switch
- Smooth 45mm channel faders
- 45mm dual-rail crossfader with Steep/Flat curve switch
- Crossfader front-detachable
- Master section with level control and dual 10-LED "neon-flow" level meter

- Master level meter assignable to CH1/CH2 input level for gain adjustment
- PFL section with level control and seamless PFL/Main mix function
- Powerful headphones output with 6.3mm stereo jack on front side of unit
- Balanced and unbalanced Main output
- Internal symmetrical power supply for high audio dynamics
- CE/ROHS compliant

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

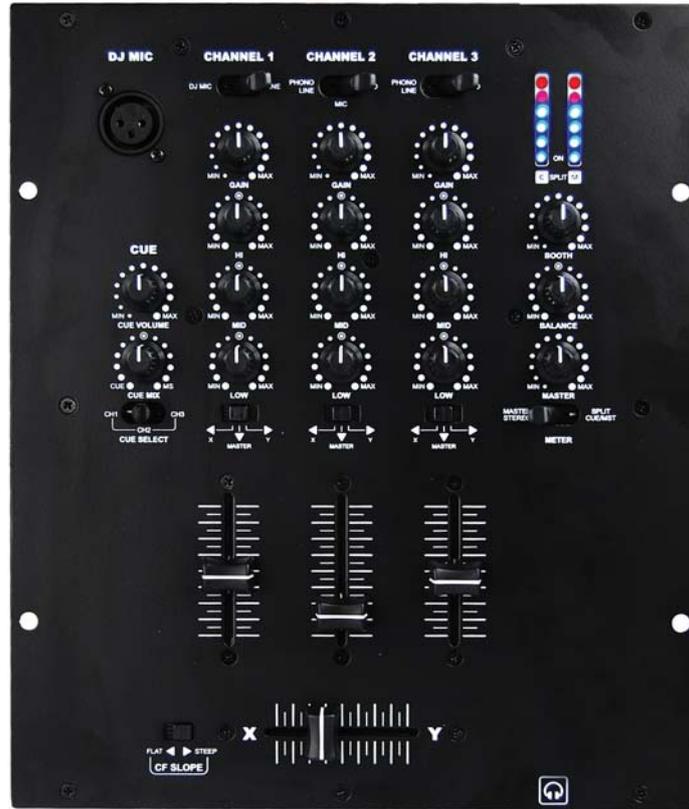


Rear Panel

Signal/Noise.....	>82dB (Line)
Crosstalk.....	>65dB (Line)
THD.....	<0.07%
Frequency response.....	20Hz - 20 kHz
AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz

SPECIFICATIONS

Power consumption.....	max. 16W
Dimensions.....	W176xH265xD88mm (69mm mounting depth)
Weight (net).....	2.4 kg



Right at the core of Prosonar's "Turntablist" series, the 3-Channel format presents the essence of what most DJ's need whilst the TSM321 is the budget choice in this class. Coming with three stereo inputs out of which one can serve as a microphone input, with all inputs equipped with gain control and 3-band Kill EQ, this unit offers further flexibility by means of its assignable and front-detachable crossfader. A comprehensive prelistening section and two master outputs, one of them balanced, complete the feature set of this unit. Unlike other mixers of its class, the TSM321 sports an internal power supply, making it superior in audio dynamics to most of its competitors. This model is also available with additional DSP effects processor as TSM321FX.

Key Features

- 3x switchable stereo inputs (1xPhono(Line)/Line, 1xPhono(Line)/Line/Mic, 1xLine/Mic)
- Stereo inputs with gain control and 3-band EQ (+12/-26dB)
- Smooth 45mm channel faders
- 45mm dual-rail crossfader with Steep/Flat curve switch
- Crossfader assignable and front-detachable
- Master section with level control, balance control and dual 6-LED level meter

- Master level meter assignable to Master (stereo) or Master/PFL split operation
- Booth output separately adjustable
- PFL section with level control and seamless PFL/Main mix function
- Powerful headphones output with 6.3mm stereo jack on front side of unit
- Balanced and unbalanced Main output
- Unbalanced Record output
- Internal symmetrical power supply for high audio dynamics
- CE/ROHS compliant

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

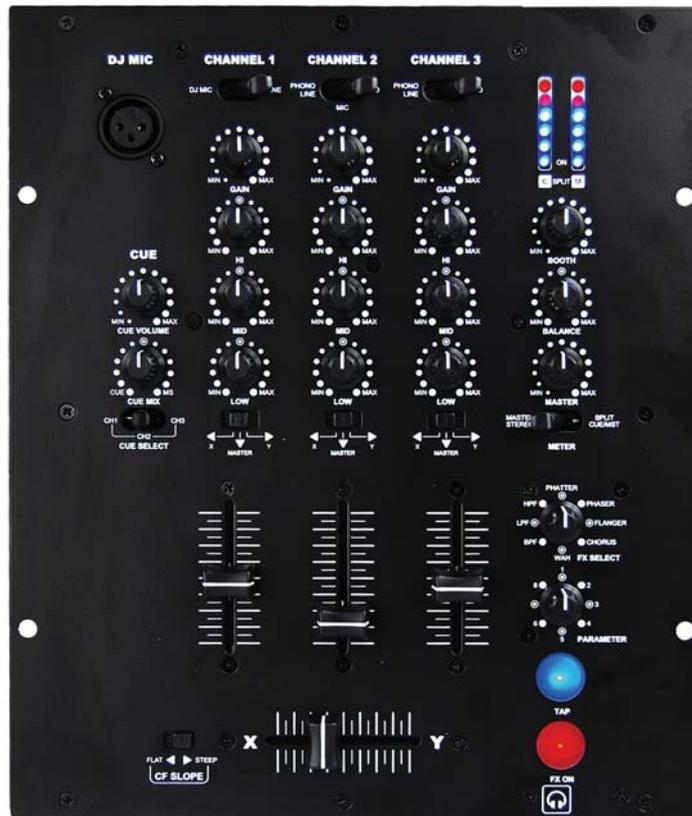
SPECIFICATIONS

Signal/Noise.....	>82dB (Line)
Crosstalk.....	>65dB (Line)
THD.....	<0.07%
Frequency response.....	20Hz - 20 kHz

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 16W
Dimensions.....	W254xH300xD88mm (69mm mounting depth)
Weight (net).....	2.8 kg



Rear Panel



The TSM321FX adds a sophisticated digital effects processor to the proven feature set of the TSM321. The DSP-based processor is specifically developed for DJ applications and allows to set the time basis for applicable effects by tapping along the music, plus to set the chosen effects' intensity with a further rotary control. The 8 available effects do not only include the popular Flanger/Phaser effects, but also stunning modulated HighPass and LowPass filters and a StutterGate. This allows for a great variety of truly useful, beat-matching, DJ-focused effects. The mixer part boasts three stereo inputs out of which one can serve as a microphone input, with all inputs equipped with gain control and 3-band Kill EQ, plus an assignable and front-detachable crossfader. A comprehensive prelistening section and two master outputs, one of them balanced, plus an internal power supply for highest audio dynamics, complete the feature set of this unit. This model is also available without the DSP effects processor as TSM321.

Key Features

- 3x switchable stereo inputs (1xPhono(Line)/Line, 1xPhono(Line)/Line/Mic, 1xLine/Mic)
- Stereo inputs with gain control and 3-band EQ (+12/-26dB)
- Smooth 45mm channel faders
- 45mm dual-rail crossfader with Steep/Flat curve switch

- Crossfader assignable and front-detachable
- Master section with level control, balance control and dual 6-LED level meter
- Master level meter assignable to Master (stereo) or Master/PFL split operation
- Booth output separately adjustable
- PFL section with level control and seamless PFL/Main mix function
- Powerful headphones output with 6.3mm stereo jack on front side of unit
- Balanced and unbalanced Main output
- Unbalanced Record output
- DSP effects processor for the master signal with 8 effects: Phaser, Flanger, Chorus, Gate, VCF Lowpass, VCF HighPass, Subsynth, Phatter (Robot)
- Effects time base (where applicable) can be set by tap function, and intensity can be adjusted in 8 steps
- Large effects on/off button with backlight
- Internal symmetrical power supply for high audio dynamics
- CE/ROHS compliant

OEM Options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

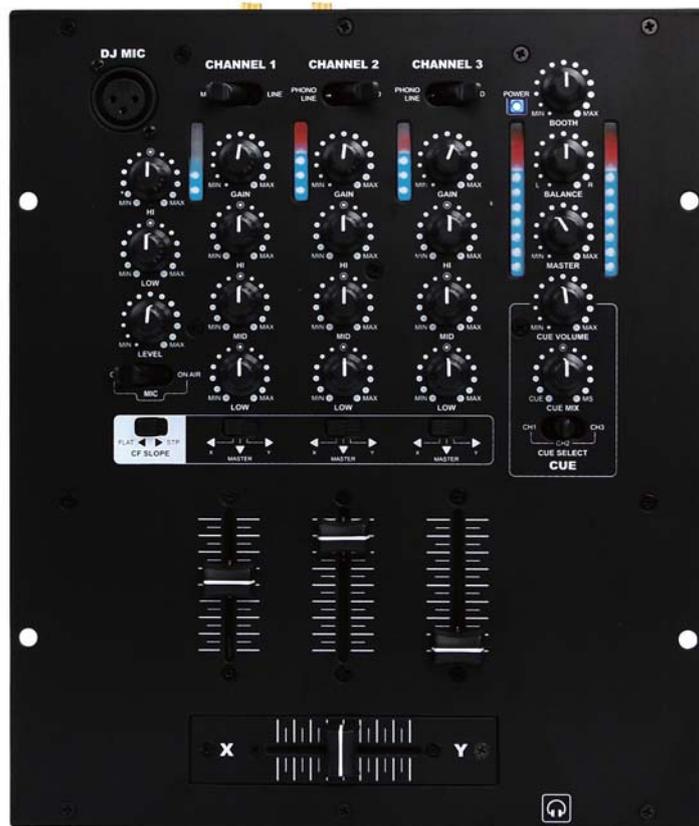
SPECIFICATIONS

Signal/Noise.....	> 82dB (Line)
Crosstalk.....	> 65dB (Line)
THD.....	< 0.07%
Frequency response.....	20Hz - 20 kHz

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 16W
Dimensions.....	W254xH300xD88mm (69mm mounting depth)
Weight (net).....	2.8 kg



Rear Panel



Optional:
Internal USB soundcard

Looking for a fully featured 3-channel mixer at an unbeatable price/value ratio, there is no way to ignore the TSM322, Prosonar's most popular choice of its "Turntablist" series. It comes with three stereo inputs out of which one can also be used as a 2nd microphone input, while the 1st microphone input occupies its own dedicated input channel. All inputs are equipped with gain controls, level meters and equalizers. Further flexibility and comfort is added by means of an assignable and front-detachable crossfader, and a comprehensive prelistening section. Two master outputs, one of them balanced, and an internal power supply for highest audio dynamics complete the feature set of this unit. This model is also available with additional DSP effects processors as TSM322FX.

Key Features

- 3x switchable stereo inputs (2xPhono(Line)/Line, 1xLine/Mic)
- Stereo inputs with gain control, 5-LED "neon flow" level meter and 3-band EQ (+12/-26dB)
- 1x Mic input with XLR input connector and voice-specific 2-band EQ plus "on air" switch
- Smooth 45mm channel faders
- 45mm dual-rail crossfader with Steep/Flat curve switch
- Crossfader assignable and front-detachable

- Master section with level control, balance control and dual 10-LED "neon-flow" level meter
- Booth output separately adjustable
- PFL section with level control and seamless PFL/Main mix function
- Powerful headphones output with 6.3mm stereo jack on front side of unit
- Balanced and unbalanced Main output
- Unbalanced Record output
- Internal symmetrical power supply for high audio dynamics
- CE/ROHS compliant

USB Option

- The TSM322 can optionally be fitted with an internal USB soundcard which is assignable to Channel 2.

OEM Options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel

Signal/Noise.....	>82dB (Line)
Crosstalk.....	>65dB (Line)
THD.....	<0.07%
Frequency response.....	20Hz - 20 kHz
AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz

SPECIFICATIONS

Power consumption.....	max. 16W
Dimensions.....	W254xH300xD88mm (69mm mounting depth)
Weight (net).....	2.8 kg



Optional:
Internal USB soundcard

The TSM322FX adds a sophisticated digital effects processor to the popular feature set of the TSM322. The DSP-based processor is specifically developed for DJ applications and allows to set the time basis for applicable effects by tapping along the music, plus to set the chosen effects' intensity with a further rotary control. The 8 available effects do not only include the popular Flanger/Phaser effects, but also stunning modulated DJ-relevant effects such as HighPass and LowPass filters and a StutterGate. The mixer part comes with three stereo inputs out of which one can also be used as a 2nd microphone input, while the 1st microphone input occupies its own dedicated input channel. All inputs are equipped with gain controls, level meters and equalizers. Further flexibility and comfort is added by means of an assignable and front-detachable crossfader, and a comprehensive prelistening section. Two master outputs, one of them balanced, and an internal power supply for highest audio dynamics complete the feature set of this unit. This model is also available without DSP effects processors as TSM322.

Key Features

- 3x switchable stereo inputs (2xPhono(Line)/Line, 1xLine/Mic)
- Stereo inputs with gain control, 5-LED "neon flow" level meter and 3-band EQ (+12/-26dB)
- 1x Mic input with XLR input connector and voice-specific 2-band EQ plus "on air" switch

- Smooth 45mm channel faders
- 45mm dual-rail crossfader with Steep/Flat curve switch
- Crossfader assignable and front-detachable
- Master section with level control, balance control and dual 10-LED "neon-flow" level meter
- Booth output separately adjustable
- PFL section with level control and seamless PFL/Main mix function
- Powerful headphones output with 6.3mm stereo jack on front side of unit
- Balanced and unbalanced Main output
- Unbalanced Record output
- DSP effects processor for the master signal with 8 effects: Phaser, Flanger, Chorus, Gate, VCF Lowpass, VCF HighPass, Subsynth, Phatter (Robot)
- Effects time base (where applicable) can be set by tap function, and intensity can be adjusted in 8 steps
- Large effects on/off button with backlight
- Internal symmetrical power supply for high audio dynamics
- CE/ROHS compliant

USB Option

- The TSM322 can optionally be fitted with an internal USB soundcard which is assignable to Channel 2.



Rear Panel

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 16W
Dimensions.....	W254xH300xD88mm (69mm mounting depth)
Weight (net).....	2.8 kg

SPECIFICATIONS

Signal/Noise.....	> 82dB (Line)
Crosstalk.....	> 65dB (Line)
THD.....	< 0.07%
Frequency response.....	20Hz - 20 kHz



Two turntables or desktop CD/Media decks and this savvy little mixer make any event a granted success! The **FXM1200USB DJ Mixing Desk** has the right form factor to fit inbetween the decks and the right feature set to deliver stunning mixes. Two stereo inputs with Kill-EQs and a crossfader with adjustable curve are accompanied by a comprehensive prelistening section and a fully-featured microphone input. A USB soundcard is fitted as a standard and allows replay of media files from a PC in appropriate quality. While small in its appearance, the FXM1200 has an internal power supply for full audio dynamics and a balanced master output to feed larger sound systems - unlike other mixers of its size, it is hence a truly professional choice.

Key features

- 1x switchable Phono (Line)/Line stereo input
- 1x switchable Phono (Line)/USB stereo input
- Both stereo inputs with Gain, 3-band EQ (+12/-26dB) and 10-LED level meter for greatest ease of setting gain
- 1x Mic input with 1/4" TRS input connector and voice-specific 2-band EQ plus "on air" switch
- Smooth dual-rail 60mm channel faders
- 45mm dual-rail crossfader with Steep/Flat curve switch
- Master section with level control and dual 10-LED level meter

- PFL section with PFL/Main mix control and Blend/Split option
- Powerful headphones output with 6.3mm stereo jack
- Rear side USB stereo replay/record port (type B)
- Balanced and unbalanced Main output
- Unbalanced record output
- Internal symmetrical power supply for high audio dynamics
- CE/ROHS compliant

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

SPECIFICATIONS

Signal/Noise.....>82dB (Line)
 Crosstalk.....>65dB (Line)
 THD.....<0.07%
 Frequency response.....20Hz - 20 kHz

AC In (EU version).....AC220-250V~ 50Hz
 AC In (US version).....AC110-120V~ 60Hz
 Power consumption.....max. 16W
 Dimensions.....W140xH270xD104mm
 (85mm mounting depth)
 Weight (net).....2.0 kg



Rear Panel



If there is anything to be omitted on the super-popular FXM2300 to meet more demanding budget restrictions, then it's the channel LED meters, the USB port and the dual rail faders. We did so and created the **FXM2300E DJ Mixing Desk** to give a Prosonar mixer to those who want the quality but don't want to pay the price. Still, three stereo inputs with Kill-EQs and a crossfader make this console very flexible for mixing, while the dedicated microphone input with voice-specific EQ allows proper vocal presentations. The master outputs, with the main output being balanced, and a configurable, powerful headphone section make this mixer a valuable entry-level choice for those with greatest care for value in a mixer.

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x Line stereo input
- All stereo inputs with Gain and 3-band EQ (+12/-26dB)
- 1x Mic input with XLR connector and voice-specific 2-band EQ plus "on air" switch
- 60mm channel faders
- 45mm dual-rail crossfader for channels 1 and 3 with Steep/Flat curve switch
- Master section with level control and dual level meter

- Additional Booth output
- PFL section with PFL/Main mix control and Blend/Split option
- Powerful headphones output with 6.3mm stereo jack
- Balanced and unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 16W
Dimensions.....	W214xH294xD104mm (85mm mounting depth)
Weight (net).....	2.4 kg

SPECIFICATIONS

Signal/Noise.....	> 82dB (Line)
Crosstalk.....	> 65dB (Line)
THD.....	< 0.07%
Frequency response.....	20Hz - 20 kHz



If your club is at home, the **FXM2300USB DJ Mixing Desk** is the perfect choice for you to get into DJing at the best budget but with a full set of features, including basic USB connectivity. Three stereo inputs with Kill-EQs and a crossfader make this console very flexible for mixing, while the dedicated microphone input with voice-specific EQ allows proper vocal presentations. Two master outputs, with the main output being balanced, and a configurable, powerful headphone section make this mixer perfect both for beginners as well as Pro's who just don't need a club mixer's number of channels but all its features for their sets at home.

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x switchable Line/USB stereo input
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and 5-LED level meter for greatest ease of setting gain
- 1x Mic input with versatile Combo connector and voice-specific 2-band EQ plus "on air" switch
- Smooth dual-rail 60mm channel faders
- 45mm dual-rail crossfader for channels 1 and 3 with Steep/Flat curve switch
- Master section with level control and dual level meter

- Additional Booth output
- PFL section with PFL/Main mix control and Blend/Split option
- Powerful headphones output with 6.3mm stereo jack
- Rear side USB stereo replay/record port (type B)
- Balanced and unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

OEM options

- Customization is possible with regards to:
- Knob style and colour (various knob styles available)
 - Cabinet painting colour
 - Silkscreen artwork and colour
 - Packaging artwork

SPECIFICATIONS

Signal/Noise.....> 82dB (Line)
 Crosstalk.....> 65dB (Line)
 THD.....< 0.07%
 Frequency response.....20Hz - 20 kHz

AC In (EU version).....AC220-250V~ 50Hz
 AC In (US version).....AC110-120V~ 60Hz
 Power consumption.....max. 16W
 Dimensions.....W214xH294xD104mm
 (85mm mounting depth)
 Weight (net).....2.4 kg



Rear Panel

FXM2500E

DJ Mixing Desk

PERFORMANCE SERIES

PROSONAR



The **FXM2500E DJ Mixing Desk** is the entry-level choice into the popular 4+1 channel format for the semi-pro DJ who does not need USB connectivity on-board, and may not require the extended lifetime and smoothness of the dual-rail faders fitted on the FXM2500 USB. Four stereo inputs with Kill-EQs and a fully assignable crossfader make this console however very flexible for mixing, while the dedicated microphone input with voice-specific EQ allows proper vocal presentations. Two master outputs, with the main output being balanced, and a configurable, powerful headphone section make this mixer a great choice for the discerning semi-pro.

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x Line stereo input
- 1x switchable stereo Line/mono Microphone input
- All stereo inputs with Gain and 3-band EQ (+12/-26dB)
- 1x Mic input with XLR connector and voice-specific 3-band EQ plus "on air" switch
- 60mm channel faders
- Fully assignable 45mm dual-rail crossfader with Steep/Flat curve switch
- Master section with level control and dual level meter

- Additional Booth output
- PFL section with PFL/Main mix control and Blend/Split option
- Powerful headphones output with 6.3mm stereo jack
- Balanced and unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 18W
Dimensions.....	W254xH295xD104mm (85mm mounting depth)
Weight (net).....	2.8 kg

SPECIFICATIONS

Signal/Noise.....	>82dB (Line)
Crosstalk.....	>65dB (Line)
THD.....	<0.07%
Frequency response.....	20Hz - 20 kHz



The **FXM2500USB DJ Mixing Desk** is the perfect choice for anyone who wants to get into DJing at a limited budget but with a full set of features, including basic USB connectivity. Four stereo inputs with Kill-EQs and fully assignable crossfader make this console very flexible for mixing, while the dedicated microphone input with voice-specific EQ allows proper hosting of any event. Two master outputs, with the main output being balanced, and a configurable, powerful headphone section make any Home DJ's bedroom, but also any party venue, stage or small club an adequate home for this "no-frills-but-all-skills" mixer.

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x switchable Line/USB stereo input
- 1x switchable stereo Line/mono Microphone input
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and 10-LED level meter for greatest ease of setting gain
- 1x Mic input with versatile Combo connector and voice-specific 3-band EQ plus "on air" switch
- Smooth dual-rail 60mm channel faders
- Fully assignable 45mm dual-rail crossfader with Steep/Flat curve switch
- Master section with level control and dual level meter

- Additional Booth output
- PFL section with PFL/Main mix control and Blend/Split option
- Powerful headphones output with 6.3mm stereo jack
- Rear side USB stereo replay/record port (type B)
- Balanced and unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

SPECIFICATIONS

Signal/Noise.....> 82dB (Line)
 Crosstalk.....> 65dB (Line)
 THD.....< 0.07%
 Frequency response.....20Hz - 20 kHz

AC In (EU version).....AC220-250V~ 50Hz
 AC In (US version).....AC110-120V~ 60Hz
 Power consumption.....max. 18W
 Dimensions.....W254xH295xD104mm
 (85mm mounting depth)
 Weight (net).....2.8 kg



Rear Panel

FXM4600 (USB)

Stereo Rack Mixer

PERFORMANCE SERIES



The **FXM4600 Stereo Rack Mixer** perfectly drops into any application where the ease-of-use is the prevalent requirement - whether in a waiter-operated bar/pub installation, a dance school, a fitness club or in small rental systems. With as little as possible controls on its surface, it still does not lack anything needed to deliver an outstanding sound experience. Two microphone channels with 3-band EQ and adjustable talkover allow flawless vocal performances, 4 stereo channels with a crossfader and master EQ deliver the right mix of music, and two separately adjustable master outputs provide professional connectivity. A plug-and-play solution for anyone who does not want to read a user manual before running an event!

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x switchable Line/USB stereo input
- 1x switchable Line/AUX input with the AUX input being a front-panel mounted 3.5mm TRS jack (for easy connection of e.g. MP3 players)
- All stereo inputs with Gain and peak LED for greatest ease of setting gain
- 2x Mic inputs (1x top-panel Combo, 1x rear-panel TRS) with Gain, 3-Band EQ, and "on air" switch
- Adjustable Talkover for mic inputs (damping - sensitivity on rear)

- Smooth dual-rail 60mm channel faders
- Smooth dual-rail 45mm crossfader with switchable curve "flat"/"steep"
- Master section with 7-Band EQ, level control and dual level meter
- Additional booth output
- PFL section with PFL/Main mix control and Blend/Split option
- Powerful headphones output with 6.3mm stereo jack
- Balanced and unbalanced main output
- Unbalanced record output
- Compact 19"/4U form factor
- CE/ROHS compliant

USB Option

Two options are available with regards to USB functionality:

- Twin-USB option with two USB inputs which can be assigned to channels 1 and 4 (FXM4600USB-T)
- Single-USB option with one USB input which can be assigned to channel 1 (FXM4600USB-S)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel (Single USB version)

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 18W
Dimensions.....	W483xH264xD104mm (85mm mounting depth)
Weight (net).....	4.8 kg

SPECIFICATIONS

Signal/Noise.....	> 82dB (Line)
Crosstalk.....	> 65dB (Line)
THD.....	< 0.07%
Frequency response.....	20Hz - 20 kHz



The **FXM4800 DJ Rack Mixer** is the choice of those who made the transition from turntables to CDs and MP3s already and/or prefer to take their performance on the road. Packing all the features from our 10" models into a sleek, rack-mounted all-metal cabinet delivers exactly what the DJ, host or performer needs on the road or in a small club - from precise gain controls and 3-band EQs in all stereo inputs through two microphone channels with 3-band EQ and adjustable talkover for flawless vocal performances to two separately adjustable master outputs. All thrills but no frills in a compact form factor at a truly appealing price point!

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x switchable Line/USB stereo input
- 1x switchable Line/AUX input with the AUX input being a front-panel mounted 3.5mm TRS jack (for easy connection of e.g. MP3 players)
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and peak LED for greatest ease of setting gain
- All stereo inputs assignable to either left or right side of the crossfader or directly to master
- 2x Mic inputs (1xCombo, 1xTRS) with Gain, 3-Band EQ, and "on air" switch
- Adjustable Talkover for mic inputs (damping - sensitivity on rear)

- Smooth dual-rail 60mm channel faders
- Smooth dual-rail 45mm crossfader with switchable curve "flat"/"steep"
- Master section with level control and dual level meter
- Additional booth output
- PFL section with PFL/Main mix control and Blend/Split option
- Powerful headphones output with 6.3mm stereo jack
- Balanced and unbalanced main output
- Unbalanced record output
- Compact 19"/4U form factor
- CE/ROHS compliant

USB Option

Two options are available with regards to USB functionality:

- Twin-USB option with two USB inputs which can be assigned to channels 1 and 4 (FXM4800USB-T)
- Single-USB option with one USB input which can be assigned to channel 1 (FXM4800USB-S)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

SPECIFICATIONS

Signal/Noise.....> 82dB (Line)
 Crosstalk.....> 65dB (Line)
 THD.....< 0.07%
 Frequency response.....20Hz - 20 kHz

AC In (EU version).....AC220-250V~ 50Hz
 AC In (US version).....AC110-120V~ 60Hz
 Power consumption.....max. 18W
 Dimensions.....W483xH178xD104mm
 (85mm mounting depth)
 Weight (net).....3.8 kg



Rear Panel (Single USB version)



The FXM4900 DJ Rack Mixer goes beyond the possibilities of its smaller brother FXM4800 and offers an additional external effects path as well as an in-built active crossover with subwoofer output plus direct top panel access for both microphone inputs. The precise gain controls, 3-band EQs in all stereo inputs and the two microphone channels with 3-band EQ and adjustable talkover for flawless vocal performances remain the same, as well as the two separately adjustable master outputs.

Key features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x switchable Line/USB stereo input
- 1x switchable Line/AUX input with the AUX input being a front-panel mounted 3.5mm TRS jack (for easy connection of e.g. MP3 players)
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and peak LED for greatest ease of setting gain
- All stereo inputs assignable to left or right side of the crossfader or directly to master
- 2x Mic inputs with Combo connector, Gain control, 3-Band EQ, and "on air" switch
- Adjustable Talkover for mic inputs (damping - sensitivity on rear)
- Smooth dual-rail 60mm channel faders
- Smooth dual-rail 45mm crossfader with switchable curve "flat"/"steep"
- Master section with level control and dual level meter
- Additional booth output
- PFL section with PFL/Main mix control and Blend/Split option

- Powerful headphones output with 6.3mm stereo jack
- Effects section with parallel routing, assignable to mic or master bus with adjustable send/return levels and large backlit on/off button
- Effects Send/Return connections via 1/4" stereo TRS connectors
- Balanced (XLR) and unbalanced main output
- Balanced (XLR) mono subwoofer output with internal active crossover (crossover frequency adjustable 30-200Hz)
- Unbalanced record output
- Charger socket for USB devices on top panel (+5V DC, no data function)
- Compact 19"/4U form factor
- CE/ROHS compliant

USB Option

Two options are available with regards to USB functionality:

- Twin-USB option with two USB inputs which can be assigned to channels 1 and 4 (FXM4900USB-T)
- Single-USB option with one USB input which can be assigned to channel 1 (FXM4900USB-S)

OEM Options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel

Signal/Noise..... > 82dB (Line)
 Crosstalk..... > 65dB (Line)
 THD..... < 0.07%
 Frequency response..... 20Hz - 20 kHz
 AC In (EU version)..... AC220-250V~ 50Hz
 AC In (US version)..... AC110-120V~ 60Hz

SPECIFICATIONS

Power consumption..... max. 18W
 Dimensions..... W483xH178xD104mm
 (85mm mounting depth)
 Weight (net)..... 3.2 kg

FXM5500 (USB)

Multi-Purpose Stereo Mixer

PERFORMANCE SERIES



The **FXM5500 Multi-Purpose Stereo Mixer** is a probably very unspectacular stereo audio mixing console - just because it has all what is needed and expected from a standard “workhorse” mixer for mobile, club and small production applications; nothing more and nothing less. Two microphone inputs with adjustable auto-talkover offer great flexibility to vocal performers, and a large array of line sources or turntables can be connected with ease to the stereo inputs. Efficient gain controls with peak LEDs allow fast level settings, and the clean layout makes this unit perfect for the discerned - even if only occasional - user.

Key features

- 2x switchable Phono (Line)/Line inputs
- 3x switchable Line/Line inputs
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and peak LED for greatest ease of setting gain
- One stereo input with front-side 3.5mm TRS jack for easy connection of e.g. MP3 players
- 2x Mic input (1xCombo, 1xTRS) with Gain, 3-band EQ, and “on air” switch
- Adjustable Talkover for mic inputs
- Smooth dual-rail 60mm channel faders
- 45mm dual-rail crossfader with on/off switch for stereo inputs 1&2
- Master section with level control and dual level meter

- Additional Booth output
- PFL section with PFL/Main mix control
- Powerful headphones output with 6.3mm stereo jack
- Balanced and unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

USB Option

Two options are available with regards to additional USB functionality:

- Twin-USB option with two USB inputs which can be assigned to channels 2 and 3 (FXM5500USB-T)
- Single-USB option with one USB input which can be assigned to channel 5 (FXM5500USB-S)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel (Single USB version)

AC In (EU version).....AC220-250V~ 50Hz
AC In (US version).....AC110-120V~ 60Hz
Power consumption.....max. 18W
Dimensions.....W483xH264xD104mm
(85mm mounting depth)
Weight (net).....4.8 kg

SPECIFICATIONS

Signal/Noise.....>82dB (Line)
Crosstalk.....>65dB (Line)
THD.....<0.07%
Frequency response.....20Hz - 20 kHz



The **FXM6000 Multi-Purpose Event Mixer** is a unique blend between DJ and small PA requirements, and is deliberately designed for the moderating, budget conscious DJ, venue owner or rental company operator. Three microphone inputs with adjustable auto-talkover offer great flexibility to vocal performers, and a large array of line sources or turntables can be connected with ease to the stereo inputs. Efficient gain controls with peak LEDs allow fast level settings, and the clean no-frills layout makes this unit perfect for environments which require great flexibility and ease of use.

Key features

- 2x switchable Phono (Line)/Line inputs
- 3x switchable Line/Line inputs
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and peak LED for greatest ease of setting gain
- One stereo input with front-side 3.5mm TRS jack for easy connection of e.g. MP3 players
- 3x Mic input (1xCombo, 2xTRS) with Gain, 3-band EQ, and "on air" switch
- Adjustable Talkover for mic inputs
- Smooth dual-rail 60mm channel faders
- 45mm dual-rail crossfader with on/off switch for stereo inputs 1&2
- Master section with level control and dual level meter

- Additional Booth output
- PFL section with PFL/Main mix control
- Powerful headphones output with 6.3mm stereo jack
- Balanced and unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

USB Option

Two options are available with regards to additional USB functionality:

- Twin-USB option with two USB inputs which can be assigned to channels 1 and 2 (FXM6000USB-T)
- Single-USB option with one USB input which can be assigned to channel 3 (FXM6000USB-S)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

SPECIFICATIONS

Signal/Noise.....> 82dB (Line)
Crosstalk.....> 65dB (Line)
THD.....< 0.07%
Frequency response.....20Hz - 20 kHz

AC In (EU version).....AC220-250V~ 50Hz
AC In (US version).....AC110-120V~ 60Hz
Power consumption.....max. 18W
Dimensions.....W483xH264xD104mm
(85mm mounting depth)
Weight (net).....4.8 kg



Rear Panel (Single USB version)



The FXM6500 Production Mixer is the result of in-depth research into the needs of mobile DJs, event venue operators and rental companies. The unique feature set is specifically designed to cater for events where vocal presentations are mixed with music. As the only mixer of its kind, the FXM6500 sports one-knob compressors in its 3 microphone inputs. Aside from a full feature set per channel, the FXM6500 also offers a multitude of outputs with a unique zone feature for its 3rd output and an in-built subwoofer output with active crossover. An in-parallel routed effects path can be assigned to either the microphone or the music bus. Last but not least, a 2-parameter adjustable automatic talkover makes this mixer the most versatile mixer in its field.

Key features

- 3x switchable Line/Line inputs
- 2x switchable Line/Phone (USB if fitted) inputs
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and 10-LED level meter for greatest ease of setting gain
- One stereo input with front-side 3.5mm TRS jack for easy connection of e.g. MP3 players
- One rear-side balanced FOH stereo input (6.3mm stereo TRS) to connect sub-mixers
- 3x Mic inputs with Combo connector, Gain control, Peak LED, One-knob Compressor, 3-band EQ, Effects assign switch, and "On air" switch
- 2-parameter adjustable Talkover for mic inputs

- 45mm assignable dual-rail crossfader
- PFL section with PFL/Main mix control and Blend/Split option
- Master section with two separately controllable outputs and assignable dual level meter
- Balanced (XLR) and unbalanced main outputs, Master switchable to Mono
- Balanced (XLR) mono subwoofer output with internal active crossover (crossover frequency adjustable 30-200Hz)
- Additional balanced (XLR) mono Zone output (with switchable 80Hz HPF) which can be routed to the master bus or CH5 line input
- All outputs with rear-side maximum level setting controls
- Effects section with parallel routing, assignable to mic or master bus with adjustable send/return levels
- Effects Send/Return connections via 6.3mm stereo TRS connectors
- Powerful headphones output with 6.3mm stereo jack
- Unbalanced record output
- CE/ROHS compliant

USB Option

- A 4-channel-USB option with low-latency ASIO drivers and 24Bit/96kHz replay is available and can be assigned to channels 2 and 4 (FXM6500USB-T)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 24W
Dimensions.....	W483xH308xD104mm (85mm mounting depth)
Weight (net).....	5.8 kg

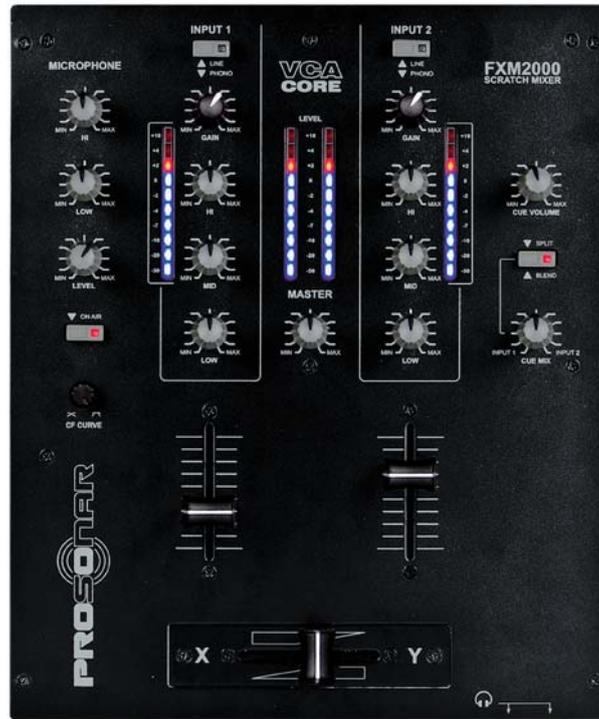
SPECIFICATIONS

Signal/Noise.....	> 82dB (Line)
Crosstalk.....	> 65dB (Line)
THD.....	< 0.07%
Frequency response.....	20Hz - 20 kHz

FXM2000 (USB)

Pro DJ Scratch Mixer

VCA PRO SERIES



The **FXM2000 Pro DJ Scratch Mixer** is the essence of what any scratch DJ wants: Two channels with a super-clean layout that allows to get the status at a glance, as hands and eyes are busy with the decks. No obstacles in the access of the crossfader so that hands can keep flying across the place for the fastest scratch techniques. Faders that offer just enough mechanical resistance to get good tactile feedback but run as smooth as silk. And last but not least a VCA volume engine that serves all three faders for longer service life in a fader's stressful existence under scratch attacks. A studio-grade mic input that puts a rap line right in the middle of the beat. Pack all this in a sturdy full-metal case and back it with Prosonar's acclaimed audio quality, and it's this mixer that makes your performance happen.

Key Features

- 2x switchable Phono (Line)/Line inputs
- Gain, 3-band EQ (+12/-26dB) and input level meter for both stereo channels
- 1x DJ Mic with Gain, 2-band EQ and "on air" switch
- Smooth dual-rail 45mm channel faders
- Front-detachable, 45mm dual-rail crossfader with adjustable curve
- VCA volume engine for crossfader and both channel faders
- Master section with dual level meter

- PFL section with split/blend option and Input1/Input2 mix control
- Powerful headphones output with both 6.3mm and 3.5mm stereo jacks
- Unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

USB option

A dual USB input option is available, with signal assignable to channels 1 and 2, and optional bidirectional Record function (FXM2000USB)

OEM options

Customization is possible with regards to:

- 'A'-Type vertical rail faders
- Additional balanced main output
- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



A-Type Fader

(optional for channel and/or crossfader)



Rear Panel (USB version)

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 18W
Dimensions.....	W240xH290xD104mm (85mm mounting depth)
Weight (net).....	2.7 kg

SPECIFICATIONS

Signal/Noise.....	>80dB (Line)
Crosstalk.....	<65dB (Line)
THD.....	<0.07%
Frequency response.....	20Hz - 20 kHz



The **FXM3000 DSP Effects DJ Mixer** brings the acclaimed BPM-based DSP effects of Prosonar’s 4-channel mixers into the discerning homeboy’s bedroom. Compact in size, yet powerful in sound, this mixer combines an obstacle-free crossfader area for the most advanced scratch techniques with three fully-fledged stereo channels for ultimate spinning artistry, and a balanced studio-grade mic input to add vocal performances. 8 stunning beat-synchronized digital effects spice up the sound with extra kick, and make this mixer every semi-pro’s dream machine.

Key Features

- 3x switchable Phono (Line)/Line inputs
- Gain, 3-band EQ (+12/-26dB) and input level meter for all stereo channels
- 1x DJ Mic with Gain, 2-band EQ and “on air” switch
- Smooth dual-rail 60mm channel faders
- Assignable, front-detachable, 45mm dual-rail VCA crossfader with adjustable curve
- Master section with dual level meter
- PFL section with split/blend option and PFL/Main mix control
- Powerful headphones output with both 6.3mm and 3.5mm stereo jacks
- DSP-based dual beatcounter with manual tap function, assigned to Main and PFL

- DSP-based effects section with 8 DJ-specific effects (Chorus, PingPong, Reverb, Phatter, Bass Extend, Phaser, Delay, Flanger), synchronized to Main BPM value
- Light-touch and backlit effects on/off button
- Balanced and unbalanced Main output
- Unbalanced record output
- CE/ROHS compliant

USB option

A dual USB input option is available, with signal assignable to channels 1 and 3, and optional bidirectional Record function (FXM3000USB)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

SPECIFICATIONS

Signal/Noise.....>77dB (Line)
Crosstalk.....<65dB (Line)
THD.....<0.07%
Frequency response.....20Hz - 20 kHz

AC In (EU version).....AC220-250V~ 50Hz
AC In (US version).....AC110-120V~ 60Hz
Power consumption.....max. 24W
Dimensions.....W240xH335xD104mm
(85mm mounting depth)
Weight (net).....3.2 kg



Rear Panel (non-USB version)

FXM4200 (USB)

DSP Effects Pro DJ Mixer

VCA PRO SERIES



The **FXM4200 DSP Effects Pro DJ Mixer** is the evolution of the popular original FXM4000 model, with a more accessible crossfader, even better audio performance due to an internally completely separate effects unit and the enhanced power supply. Bringing a truly professional approach to the popular 4+1 form factor class, this mixer outbeats its competition.

Key Features

- 2x switchable Phono (Line)/Line stereo inputs
- 1x switchable CD/Line input
- 1x switchable Line/Mic input
- All stereo inputs with 3-band-EQ (+12/-26dB), Gain control and input level meter
- 1x DJ Mic mono input with 3-band-EQ and Combo input connector
- Manual Talkover (-20dB) and "on air" switch for DJ Mic input
- Smooth dual-rail 60mm channel faders
- Assignable, front-detachable, 45mm dual-rail VCA crossfader with adjustable curve
- 3-band kill switch set (Bass/Mid/Treble) for each crossfader side
- Master section with balance control, dual level meter and stereo/mono switch
- Additional Booth output
- PFL section with split/blend option and PFL/Main mix control
- Powerful headphones output with both 6.3mm and 3.5mm stereo jacks

- DSP-based dual beatcounter with manual tap function, assigned to Main and PFL
- DSP-based effects with 8 DJ-specific effects (Chorus, PingPong, Reverb, Phatter, Bass Extend, Phaser, Delay, Flanger), synchronized to Main BPM, with adjustable time multiplier
- Any stereo input assignable to the effects processor
- Light-touch and backlit effects on/off button
- Effects PFL switch
- Balanced and unbalanced Main output
- Unbalanced record output
- Enhanced power supply
- CE/ROHS compliant

USB option

A dual USB input option is available, with signals assignable to channels 1 and 3, and optional bidirectional Record function (FXM4200USB)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork
- Optional 19" Rackmount brackets as accessory



Rear Panel (USB version)

AC In (EU version).....AC220-250V~ 50Hz
AC In (US version).....AC110-120V~ 60Hz
Power consumption.....max. 28W
Dimensions.....W320xH355xD104mm
(85mm mounting depth)
Weight (net).....4.4 kg

SPECIFICATIONS

Signal/Noise.....>81dB (Line)
Crosstalk.....<65dB (Line)
THD.....<0.07%
Frequency response.....20Hz - 20 kHz



The **FXM5000 Dual-BPM DJ Rack Mixer** perfectly balances the requirements of mobile DJs and other portable applications, like fitness studios or dance schools. Maximum control of sound is offered on minimum space, and the precise, DSP-powered dual beatcounter helps setting the right speed for either the perfect mix or correct choreo-graphic tempo match. Extensive microphone features with auto-talkover seamlessly integrate voice into the music even using a wireless microphone. The recessed connection panel allows space-saving rack-mounting and makes this mixer the most compact choice for professional sound reproduction systems.

Key Features

- 2 switchable Line/Line inputs
- 3 switchable stereo Phone(Line)/Line inputs
- All stereo inputs with Gain, 3-band EQ (+12/-26dB), EQ on/off switch, and input level meter
- 2 dedicated DJ microphone inputs with Gain, 3-band EQ and On-Air switch
- Microphones individually assignable to adjustable auto-talkover
- Smooth dual-rail 60mm channel faders
- Assignable, front-detachable, 45mm dual-rail VCA crossfader with adjustable curve and on/off switch
- Master section with balance control, dual level meter and stereo/mono switch

- Additional Booth output
- PFL section with split/blend option and PFL/Main mix control
- Powerful headphones output with both 6.3mm and 3.5mm stereo jacks
- DSP-based dual beatcounter with manual tap function, assigned to each crossfader side
- Balanced and unbalanced Main output
- Balanced subwoofer output with active crossover and adjustable crossover frequency/level
- Unbalanced Booth output
- Unbalanced Record output
- Special cabinet design with recessed connector plane for space-saving rack mounting
- CE/ROHS compliant

USB option

A dual USB input option is available, with signal assignable to channels 1 and 5, and optional bidirectional Record function (FXM5000USB)

OEM options

- Customization is possible with regards to:
 - Knob style and colour (various knob styles available)
 - Cabinet painting colour
 - Silkscreen artwork and colour
 - Packaging artwork

SPECIFICATIONS

Signal/Noise.....>77dB (Line)
 Crosstalk.....<65dB (Line)
 THD.....<0.07%
 Frequency response.....20Hz - 20 kHz

AC In EU version.....AC220-250V~ 50Hz
 AC In US version.....AC110-120V~ 60Hz
 Power consumption.....max. 28W
 Dimensions.....W483xH220xD104mm
 (85mm mounting depth)
 Weight (net).....5.2 kg



Rear Panel (non-USB version)

FXM8000 (USB)

Stereo Production Mixer

VCA PRO SERIES



The **FXM8000 Production Mixer** revives the great tradition of installation-oriented production mixers, and serves applications where space is no primary concern while the ease of use governs the choice. A generous but very clean layout with 100mm faders allows to mix precisely and intuitively, while three fully balanced microphone inputs with Combo connectors and automatic talkover leave freedom for events where hosts or other performers get involved. Several output zones and a built-in active crossover set this mixer apart as the core of any sound system. If you need a truly flexible workhorse for installations or rental purposes, this mixer is the choice to make.

Key features

- 3x switchable Phono (Line)/Line inputs
- 2x switchable Line/Line inputs
- All stereo inputs with Gain, 3-band EQ (+12/-26dB) and input level meter
- One dual RCA input on top panel, for easy connection of e.g. MP3 players to channel 5
- 3x Mic inputs with Gain, 3-band EQ, and "on air" switch
- Assignable and adjustable Auto-Talkover for Mic inputs
- Top-panel Combo (XLR/TRS) input connectors for Mic inputs
- Smooth dual-rail 100mm channel faders
- Assignable, front-detachable, 45mm dual-rail VCA crossfader with adjustable curve

- Crossfader on/off switch
- Master section with balance control, dual level meter and stereo/mono switch
- Two additional Zone outputs with level control
- PFL section with split/blend option and PFL/Main mix control
- Powerful headphones output with both 6.3mm and 3.5mm stereo jacks
- Balanced and unbalanced Main output
- Balanced Main subwoofer output with active crossover and adjustable crossover frequency/level
- Unbalanced record output
- Two unbalanced Zone outputs
- Enhanced power supply
- CE/ROHS compliant

USB option

A dual USB input option is available, with signals assignable to channels 1 and 5, and optional bidirectional Record function (FXM8000USB)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel (non-USB version)

www.prosonar.com

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 30W
Dimensions.....	W483xH355xD104mm (85mm mounting depth)
Weight (net).....	6.4 kg

SPECIFICATIONS

Signal/Noise.....	>82dB (Line)
Crosstalk.....	<65dB (Line)
THD.....	<0.07%
Frequency response.....	20Hz - 20 kHz



The **ISM422 Stereo Rack Mixer** brings Prosonar to the venues and racks of the hospitality industry - this mixer is perfect for anything from multiple-source music playback to real DJ mixing, and makes a specifically great choice when vocal presentations are needed, since it offers two microphone inputs with full EQ and adjustable talkover, which facilitates the use of a common combination of one wired and one wireless microphone. Installation-specific features like the maximum volume limitation and the Phoenix-Connectors make the setup fast and the operation safe, even with untrained and occasional users like waiters or fitness trainers. From commercial background music systems to pubs and fitness clubs - this mixer fits them all.

Key features

- 2x Switchable Phono (Line)/Line stereo inputs
- 2x Switchable Line/Line stereo inputs (USB optional)
- Front-Panel 3.5mm stereo TRS input for one Line channel
- 1x Balanced stereo Front-of-House (FOH) input to connect the output of a stage mixer to the venue's main sound system
- All stereo inputs with Gain control and Signal/Peak-LED
- 2x Mic inputs with rear-side 1/4" TRS connectors
- Mic1 with additional versatile front-side Combo connector
- Mutual voice-specific 3-Band EQ plus "on air" switches for mic inputs
- Adjustable Talkover for Mic inputs
- 45mm smooth dual-rail channel faders
- Master section with two outputs and assignable dual level meter
- Both master outputs balanced and unbalanced on rear panel

- Balanced master outputs both on XLR and Phoenix connectors
- 3-band EQ for Master 1 on front panel
- 2-band EQ for Master 2 on rear panel
- Each master output with adjustable maximum output level on rear side to avoid exceeding allowed system volume by user
- Master 2 with 80Hz Low-pass filter and mono switch for possible connection of limited bandwidth background music systems
- External Music Mute contact to shut down master output externally
- External Emergency input with adjustable volume for emergency signal and automatic shutdown of music signal
- PFL section with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- CE/ROHS compliant

USB Option

Two options are available with regards to additional USB functionality:

- Twin-USB option with two USB inputs which can be assigned to channels 2 and 3 (ISM422USB-T)
- Single-USB option with one USB input which can be assigned to channel 4 (ISM422USB-S)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

SPECIFICATIONS

Signal/Noise.....	> 82dB (Line)	AC In (EU version).....	AC220-250V~ 50Hz
Crosstalk.....	> 65dB (Line)	AC In (US version).....	AC110-120V~ 60Hz
THD.....	< 0.05%	Power consumption.....	max. 18W
Frequency response.....	20Hz - 20 kHz	Dimensions.....	W483xH88xD183.5mm
		Weight (net).....	2.8 kg



Rear Panel (Dual USB Version)



The **ISM423 2-Zone Rack Mixer** extends the proven ISM422 by a zoning capability for the 2nd Master Output, thus providing a perfect crossover between a 2-Master or 2-Zone-concept. This mixer is perfect for anything from multiple-source/zone music playback to real DJ mixing, and makes a specifically great choice when vocal presentations are needed, since it offers two microphone inputs with full EQ and adjustable talkover, which facilitates the use of a common combination of one wired and one wireless microphone. Installation-specific features like the maximum volume limitation and the Phoenix-Connectors make the setup fast and the operation safe. Perfect for background music systems, pubs and hotels/restaurants.

Key features

- 2x Switchable Phono (Line)/Line stereo inputs
- 2x Switchable Line/Line stereo inputs (USB optional)
- Front-Panel 3.5mm stereo TRS input for one Line channel
- 1x Balanced stereo Front-of-House (FOH) input to connect the output of a stage mixer to the venue's main sound system
- All stereo inputs with Gain control and Signal/Peak-LED
- 2x Mic inputs with front-side Combo connectors and rear-side 1/4" TRS connectors
- Mutual voice-specific 3-Band EQ plus "on air" switches for mic inputs
- Adjustable Talkover for Mic inputs
- 45mm smooth dual-rail channel faders
- Master section with two outputs and assignable dual level meter
- Both master outputs balanced and unbalanced on rear panel

- Balanced master outputs both on XLR and Phoenix connectors
- 3-band EQ for Master 1 on front panel
- 2-band EQ for Zone (Master 2) on rear panel
- Each master output with adjustable maximum output level on rear side to avoid exceeding allowed system volume by user
- Zone (Master 2) with 100Hz Low-pass filter and mono switch for possible connection of limited bandwidth background music systems
- External Music Mute contact to shut down master output externally
- External Emergency input with adjustable volume for emergency signal and automatic shutdown of music signal
- PFL section with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- CE/ROHS compliant

USB Option

- Two options are available with regards to additional USB functionality:
- Twin-USB option with two USB inputs which can be assigned to channels 2 and 3 (ISM423USB-T)
 - Single-USB option with one USB input which can be assigned to channel 4 (ISM423USB-S)

OEM options

- Customization is possible with regards to:
- Knob style and colour (various knob styles available)
 - Cabinet painting colour
 - Silkscreen artwork and colour
 - Packaging artwork

SPECIFICATIONS

Signal/Noise.....	> 82dB (Line)	AC In (EU version).....	AC220-250V~ 50Hz
Crosstalk.....	> 65dB (Line)	AC In (US version).....	AC110-120V~ 60Hz
THD.....	< 0.05%	Power consumption.....	max. 18W
Frequency response.....	20Hz - 20 kHz	Dimensions.....	W483xH88xD183.5mm
		Weight (net).....	2.8 kg



Rear Panel (Single USB Version)

ISM622 (USB)

2-Zone Rack Mixer

INSTALLATION SERIES



The **ISM622 2-Zone Rack Mixer** is the first 1U installation rackmixer in the market featuring Prosonar's innovative HybridZone system, which allows the 2nd output to act either just as a second master or as a second zone, with each output sporting comprehensive rear-panel configuration controls. 2 microphone inputs are complemented by 6 stereo inputs, out of which two can be switched to microphone sensitivity - which makes the ISM622 a unique blend between microphone mixer and stereo line mixer. The last but not least innovation on this inconspicuous but mighty mixer is the FOH input, providing a solution to venues with occasional live music events - allowing to feed the FOH system with an external balanced stereo input signal. A mixer with endless possibilities!

Key features

- 6x Stereo input channels, each with signal-present-LED, rear-panel gain control and front-panel level control
- 2 Stereo channels rear-side switchable between Line and Microphone
- 1 Stereo channel rear-side switchable between Line and USB (if USB option installed)
- 1 Stereo channel configured as balanced stereo input (FOH input)
- Frontpanel-mounted 3.5mm stereo TRS AUX input, assignable to Input channel 1
- 2x Mic inputs with rear-side 1/4" TRS connectors
- Mutual voice-specific 2-Band EQ plus "on air" switches for mic inputs

- Front-side talkover switch for Mic inputs with adjustable damping; additional sensitivity control for talkover on rear panel
- Master section with one stereo output zone (5 LED level meter) and one mono output zone (5 LED level meters)
- Mono zone source selectable from Input 1-5 or stereo zone signal
- Each output zone with rear-side adjustable maximum level control
- Each output zone both on balanced XLR and Phoenix connectors; stereo zone with additional unbalanced RCA output
- Master EQs: 2-band (front-side for stereo zone, rear for mono zone)
- External output mute contact to shut down master output externally
- External emergency input with adjustable volume for emergency signal and automatic shutdown of program signal
- PFL section with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- CE/ROHS compliant

USB Option

The ISM622 can be fitted with a single USB solution, assignable by a rear-side switch to stereo input 5.

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork



Rear Panel (USB version)

AC In (EU version).....	AC220-250V~ 50Hz
AC In (US version).....	AC110-120V~ 60Hz
Power consumption.....	max. 16W
Dimensions.....	W483xH44.5xD183.5mm
Weight (net).....	2.2 kg

SPECIFICATIONS

Signal/Noise.....	>82dB (Line)
Crosstalk.....	<65dB (Line)
THD.....	<0.07%
Frequency response.....	20Hz - 20 kHz

ISM624 (USB)

4-Zone Rack Mixer

INSTALLATION SERIES



The **ISM624 4-Zone Rack Mixer** is the most sophisticated choice for medium-sized multi-zone sound systems build around a stereo main zone. The unique HybridZone concept allows the three additional mono zones to either carry the same signal as the stereo zone or any of the 6 individual input signals. The front-panel microphone controls plus the comprehensive backside-located zone adjustments like maximum level settings and 100Hz Highpass filters make this unit ultimately flexible while still being user-friendly even for less experienced operators.

Key features

- 6x Stereo input channels, each with Gain control, 2-color Signal/Peak LED and 45mm smooth dual-rail fader
- 2 Stereo channels rear-side switchable between Line and Phono
- 2 Stereo channels rear-side switchable between Line and USB (if USB option installed)
- 1 Stereo channel front-side switchable between Line and frontpanel-mounted 3.5mm stereo TRS AUX input
- 1 Stereo channel front-side switchable between Line and balanced stereo FOH input (to connect the output of a stage mixer to the venue's main sound system - available on both front and rear)
- 2x Mic inputs with rear-side 1/4" TRS connectors
- Mic1 with additional versatile front-side Combo connector
- Mutual voice-specific 3-Band EQ plus "on air" switches for mic inputs
- Front-side talkover switch for Mic inputs with rear-side adjustments for damping (for every mono zone) and sensitivity (only stereo zone)

- Master section with one stereo output zone (dual 10 LED level meter) and three mono output zones (5 LED level meters)
- Mono zone sources selectable from Inputs 1-6 or stereo Master signal
- Each output zone with rear-side adjustable maximum level control
- Each output zone both on balanced XLR and Phoenix connectors; stereo zone with additional unbalanced RCA output
- Rear side EQs: 3-band for stereo zone, 2-band or every mono zone
- 100Hz switchable HP filter and mic exclusion switch for mono zones
- External output mute contact to shut down master output externally
- External emergency input with adjustable volume for emergency signal and automatic shutdown of program signal
- PFL section with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- CE/ROHS compliant

USB Option

Two options are available with regards to additional USB functionality:

- Twin-USB option with two USB inputs which can be assigned to channels 3 and 4 (ISM624USB-T)
- Single-USB option with one USB input which can be assigned to channel 3 (ISM624USB-S)

OEM options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour, silkscreen artwork and colour
- Packaging artwork



Rear Panel (twin-USB version)

www.prosonar.com

SPECIFICATIONS

AC In (EU version).....AC220-250V~ 50Hz
AC In (US version).....AC110-120V~ 60Hz
Power consumption.....max. 24W
Dimensions.....W483xH133.5xD183.5mm
Weight (net).....4.2 kg

Signal/Noise.....>82dB (Line)
Crosstalk.....<65dB (Line)
THD.....<0.07%
Frequency response.....20Hz - 20 kHz



The Prosonar ACX2210 is the evolution of a common analogue active crossover, with improved ease of use and better level of control. Specifically targeting stereo sound reinforcement, the ACX2210 avoids unnecessary duplication of settings for both stereo channels by common controls for both channels. Precise level meters for all inputs and outputs, and adjustable peak limiters for all outputs protect speakers from unhealthy signal levels, so does the switchable input high pass filter. If the system setup allows subwoofers to be located together, or only a single subwoofer is used, the Low output can be switched to mono operation.

Key Features

- 2-way active stereo crossover
- 24dB/Oct Linkwitz-Riley Filter with zero phase difference at crossover point
- Crossover frequency continuously variable from 36-400Hz
- Input gain control with stereo level meter
- Switchable input high pass filter (18dB/Oct @ 30Hz)
- Peak level limiter with continuously variable threshold level for both High and Low output
- High and Low output with stereo level meter, limiter indication and individual Mute switch

- Bass output switchable to mono operation for subbass applications
- CD Horn correction (6db/Oct boost filter with +3dB point @ 8kHz) for High Output
- Phase reverse switch for High output
- Electronically balanced inputs and outputs; all in/outputs on XLRs and 3.5mm Phoenix-style strip terminals, additional 1/4" TRS connectors for inputs

OEM Options

Customization is possible with regards to:

- Knob style and colour (various knob styles available)
- Cabinet painting colour
- Silkscreen artwork and colour
- Packaging artwork

SPECIFICATIONS

Distortion (THD+N).....< 0.003% @ 1kHz
 Signal/Noise S/N.....> 85dB
 Dimensions.....W483xH44.5xD183.5mm

AC In (EU version).....AC220-250V~ 50Hz
 AC In (US version).....AC110-120V~ 60Hz
 Power consumption.....max. 16W
 Frequency response.....20Hz-20kHz ±1.0 dBu
 Weight.....Net 2.2kg



Rear Panel



The Prosonar AGE2200 is a unique combination of a 30-band precision stereo equalizer and a 30-band real-time analyzer (RTA). Specifically targeting master equalization purposes in stereo sound reinforcement, the AGE 2200 avoids unnecessary duplication of settings for both stereo channels by using precision stereo sliders. Proper set-up is a breeze due to the built-in real-time analyzer with pink noise generator, supported by the (included) measurement microphone and the 3-step level display per frequency band. Back in normal audio use, the same display can be used for detection of frequencies with feedback tendencies. A unique set of filters with steep high pass and low pass filters, but also an audience compensation filter that allows the overall frequency response to be adapted to the room filling with people, complement this unit.

Key Features

- 30 Scaling-Q filters with centre frequencies to BS EN ISO 266:1997 25Hz-20kHz, 1/3 octave
- Range switch with LED indicator selects ±6dB or ±12dB operation
- Bypass switch with LED indicator (relay bypass)
- Switchable high-pass filter with 20Hz, 40Hz and 80Hz settings.
- Switchable low-pass filter with 12kHz, 16kHz and 20kHz settings.
- Audience compensation filter to allow for easy over-all compensation of high frequency attenuation when a room fills up.

- Input level adjustment with clip LED
- Output level meter
- 45mm oil-damped faders with dust cover and center detent
- Real time analyzer (RTA) with 30 ANSI Class II analyzer filter bands, matching the EQ filter center frequencies
- 3-color LED analyzer display per band, which can be used for setting the EQ in analyzer mode or optically identifying feedback peaks during normal audio playback.
- 3 dB/1 dB Window switch for analyzer display
- LED on/off switch for analyzer display
- Built-in pink noise generator
- Flat-response measurement microphone supplied with unit
- Electronically balanced inputs and outputs, XLR and 3.5mm Phoenix-style terminals

OEM Options

- Customization is possible with regards to:
- Knob style and colour (various knob styles available)
 - Cabinet painting colour
 - Silkscreen artwork and colour
 - Packaging artwork

SPECIFICATIONS

Frequency response.....20Hz-20kHz ±1.0 dBu	Power requirements.....100V-240V AC, max. 30W
Distortion (THD+N).....< 0.027% @ 1kHz	Dimensions.....W483xH88xD183.5mm
Signal/Noise S/N.....> 82dB (A-weighted)	Weight.....Net 3.0kg



Rear Panel



distributed by

ADELTO

14th Floor • Flat A • Unionway Commercial Centre
283 Queen's Road Central • Hong Kong
Tel: +852-83406156 • Fax +852-83432209
info@adelto.com • www.adelto.com

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