MECASAMP 21

Performance Solution designed for Professionals

Mecasamp 21 - Now even better improved version

Using modern audio workstation efficiently requires connecting many different sound sources simultaneously, but that is not enough. Doing telephone interviews easily is a must today and flexible monitoring system is a necessity too. Because usability and economical viewpoint can not be overlooked either, it is obvious that a totally new concept is needed.

Mecasamp 21 Workstation Mixer is designed in co-operation with end-users to meet the demands of new working environment. Result of valuable user experience combined with technical innovations is a reliable and easy-to-use professional tool with a wide range of applications. Mecasamp 21 introduces a completely new level of usability at a very competitive price.

MECASAMP 21

Performance Solution designed for Professionals

Telephone interviews

Until now telephone hybrid has been an external unit that is both expensive and difficult to use. In Mecasamp 21 internal hybrid is a standard feature. The extremely easy-to-use interface is designed with our customers. There is an illuminated pushbutton for line connection-/disconnection and a special circuit that keeps connection clicks inaudible.

Monitoring

Mecasamp 21 has connections for both head-phones and active speakers. Novel monitoring logic makes working with Mesacamp 21 easy and trouble free. Speakers are automatically muted when mic fader is opened, but head-phones are also activated to allow monitoring during a speak. If speakers are not needed, headphones-only mode can be selected. There is also an illuminated pushbutton for external monitor source to enable quick switching between mixer output and workstation.
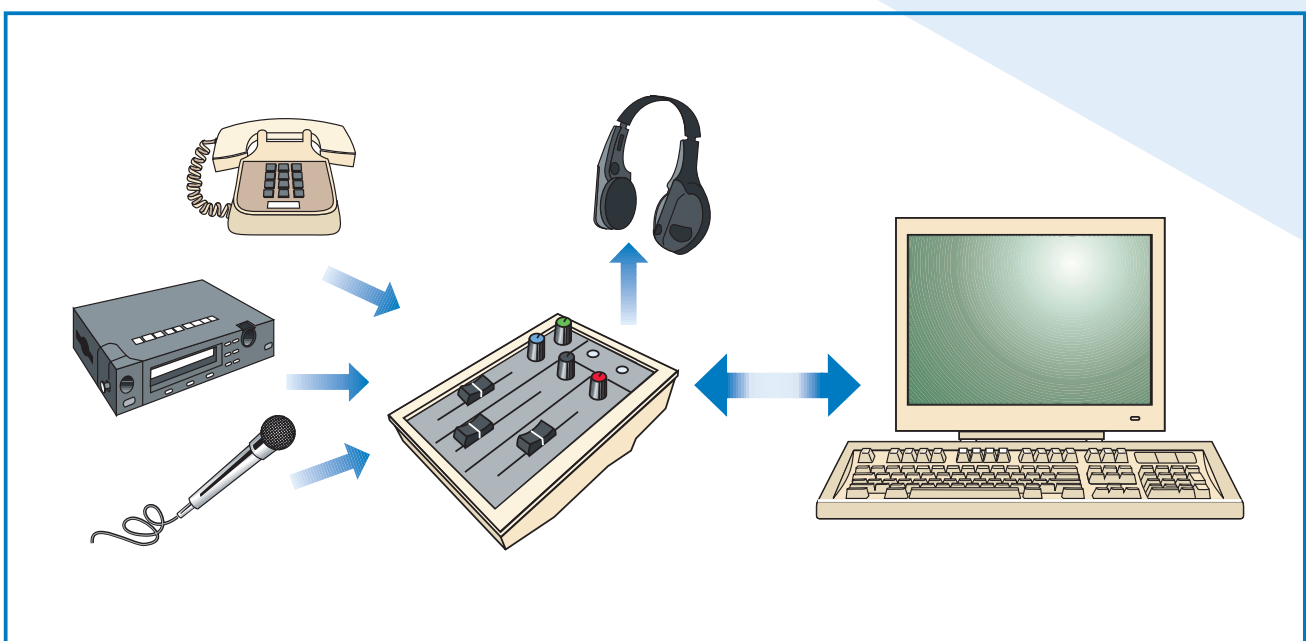
Better working environment

Audio workstation is an everyday tool and therefore being a user friendly, is one of the most important features of workstation mixer. With Mecasamp 21 a lot of work has been done to create an ergonomic intuitive control surface that is instantly familiar, even to non-experienced users. Carefully located, right sized and clearly marked controls make usage smooth and pleasant. Even though the number of controls is kept at the minimum and many of the functions are automated, nothing necessary is left out. The compact size of the mixer makes possible to locate it next to the computer keyboard to achieve the most ergonomic working conditions.

USB Connection

Professional level USB connection is available as option to allow mobile work with laptops.

Mecasamp 21 integrates the peripherals of an audio workstation to a logical and ergonomic combination.

Mecasamp 21 is designed to fit naturally in the desktop.

Easy start-up

Mecasamp 21 is designed to minimise the installation work. No special tools or experience is needed. Operating instructions are also made in co-operation with end users to ensure a smooth start-up. All the connections of the mixer are designed for optimal cabling routes. Cables for a wide range of external equipment and sound cards are already available. We also deliver custom cables with fast delivery times.

Versatility in connections

Now there is two line inputs available for the line fader. The active input is selected with easy switch and it is shown with light beside the line fader. One of the inputs can accept commercial unbalanced device. The line characteristics are set with simple dip switches as also phantom configuration and many more parameters. Also output level can be changed with dip switch to enable connection to SB compatible sound cards.

Performance

New digital production environment sets high standards for all equipment of the system. Please read the technical specifications to convince yourself that Mecasamp 21 suits even the most demanding applications. In digital production environment very short transients in signal can be fatal. Fast limiter in output protects efficiently from even fastest overload levels. A warning light is illuminated before limiter activation level. Limiter activation level can be selected from three levels by dip switches.
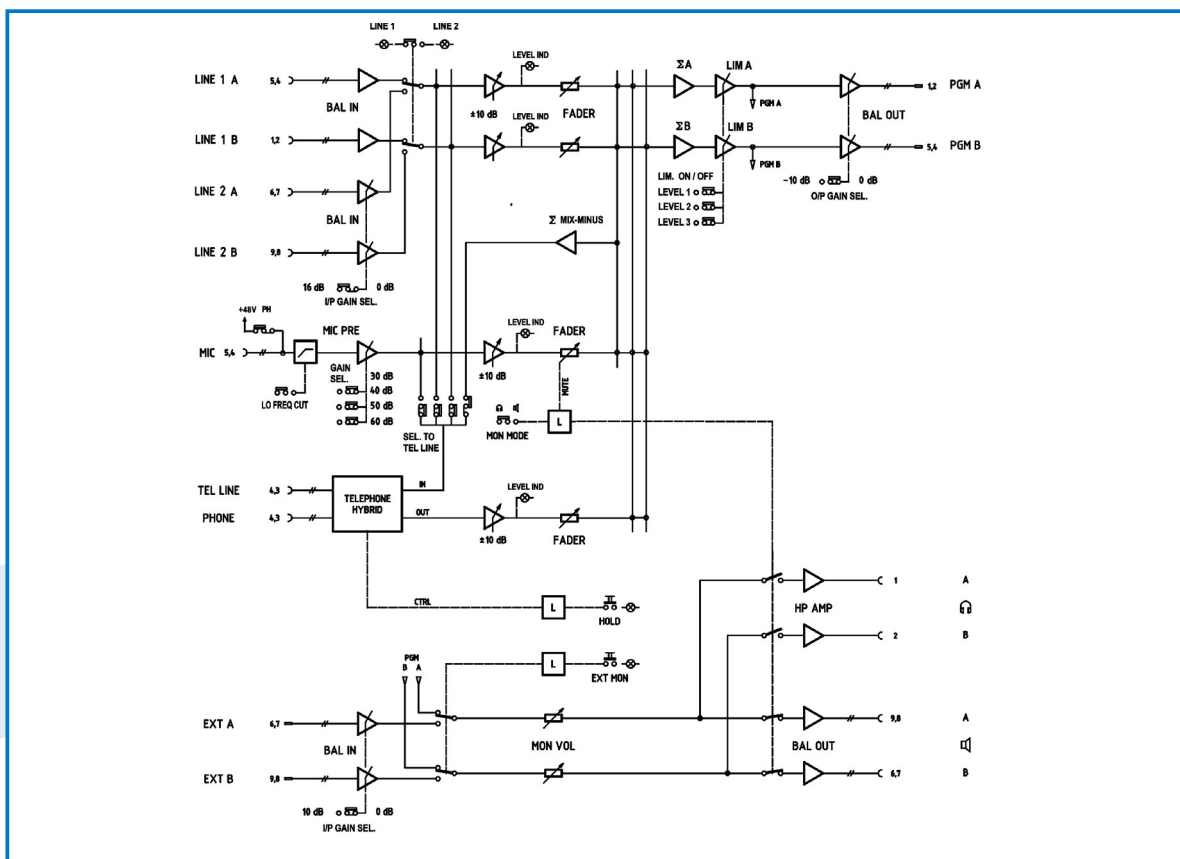
Cables

All required cables are in stock. Custom lengths can be delivered by request with a short lead time.

Compatibility

Mecasamp 21 is compatible with all professional audio cards and PC softwares.

Options

Professional grade USB and ISDN telephone connections are available as option.

Microphone input

Input type	balanced
Input impedance	> 2 k Ω
Equivalent input noise	- 128 dBu (200 Ω,20 kHz)
Gain range	+ 10 dB to +70 dB
Frequency response	± 0.5 dB (20 Hz-20 kHz)
Phantom power	IEC1938-P48

Line inputs

Input type	balanced
Input impedance	> 10 k Ω
Signal-to-noise ratio	> 100 dB
Nominal input level	+ 6 dBu
Gain range	± 10 dB
Frequency response	± 0.5 dB (20 Hz-20 kHz)
Interchannel phase	< 1 deg

Telephone hybrid

Connection type	standard 2-wire interface
Sidetone attenuation	> 30 dB

Main output

Output type	balanced
Output impedance	< 40 Ω
Nominal output level	+ 6 dBu
Maximum output level	+ 26 dBu
Total harmonic distortion	< 0.005 %

Speaker output

Output type	balanced
Output impedance	< 40 Ω
Nominal output level	+ 6 dBu
Maximum output level	+ 21 dBu

Headphone output

Output type	unbalanced
Output impedance	< 150 Ω
Maximum output level	+ 21 dBu

Values are typical and subject to change without prior notice.

Local Distributor