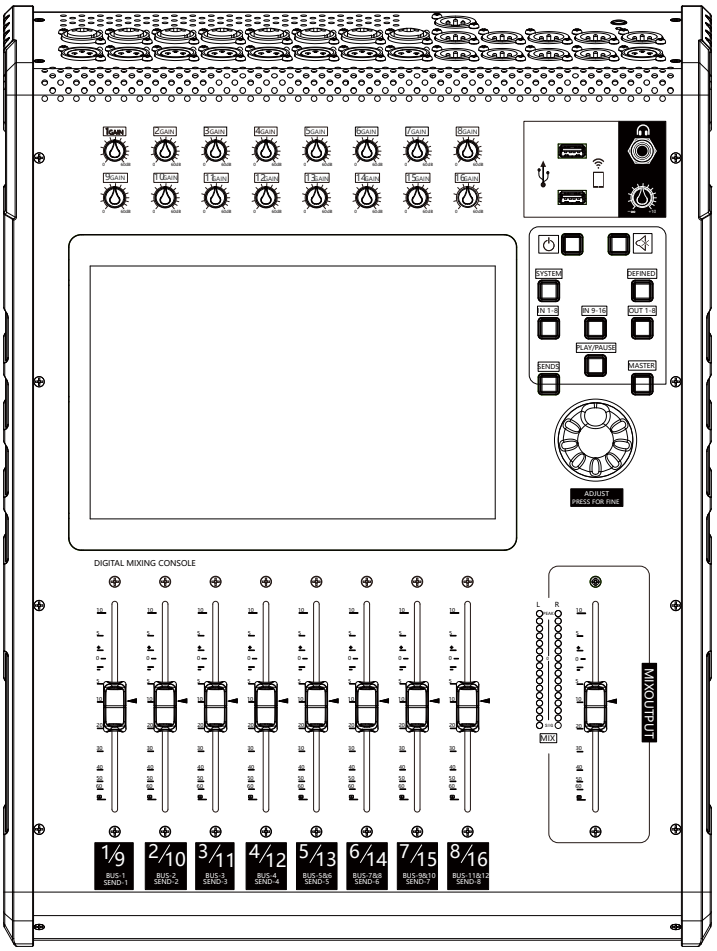
M16

DIGITAL MIXING CONSOLE
USER MANUAL AND USER GUIDE



Wharfedale Pro

www.wharfedalepro.com

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Introduction

The M16 mixer is a unique and innovative multi-functional digital mixing console,with many advantages such as small size,light weight, intuitive and simple operation, user friendly interface and a premium touch screen.

The flagship hardware configuration uses 4th generation industrial floating-point SHARC processing. This delivers 24bits/192kHzAD/DA and powerful interface performance to ensure the highest possible audio quality.

The custom layer, channel link and mute groups make it ideal for live performances, conferences,schools, churches, cultural auditoriums, weddings, concerts, homes, bands, multi-purpose halls and other sound reinforcement applications.

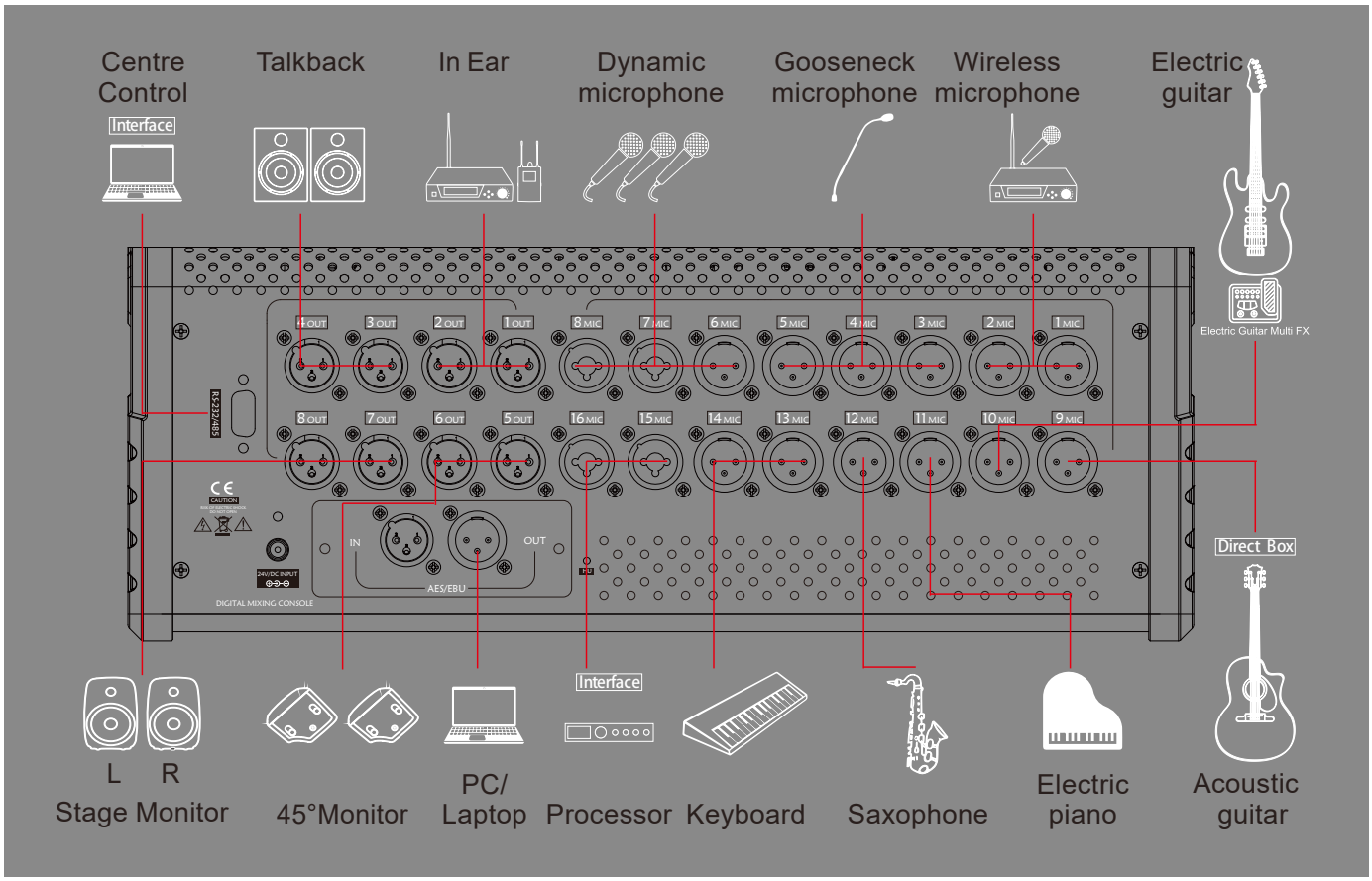
Key Features:

- 16 channel high-performance analogue pre-amplifiers
- 16 microphone inputs with 8 x XLR and 8 x Combi XLR/Jack input connectors
- 16 segment high-precision main output level metering
- 10.1 inch 1280 x 800 pixel HD IPS touchscreen
- 9 x high-quality 100mm motorised faders.
- 8 x assignable balanced outputs
- 6 x built-in effect modules, 2 modulations, 2 delays plus 2 reverbs
- 4 x mono AUX busses, 4 x stereo GROUP buses, 1 x stereo L/R output and 1 x stereo monitor bus output
- 2 x 31-band graphic equalizers
- 2 x USB ports for playback, recording, system updates plus scene import and exports
- 1 x expansion slot for optional USB, Dante and AES/EBU boards
- 1 x RS232 connector - Support Central Control System Access
- Support for iPad remote control
- Support for MP3, WAV, FLAC, APE and other formats of audio source playback

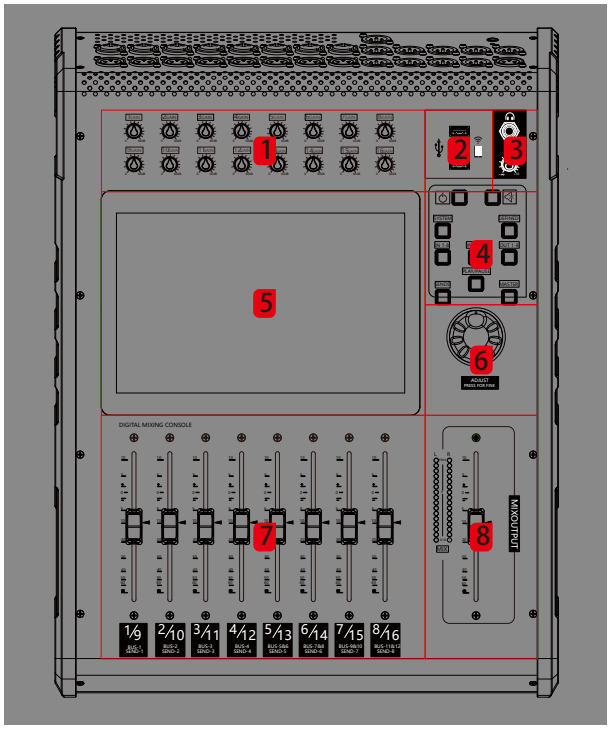
Quick Setup Guide

01. Connect the mixer to the electrical outlet with the supplied power AC adapter.
02. Connect the amplifier or active speaker/studio monitor to the main output XLR connector on the back of the mixer.The default connection for the Amplifier or the Active Speaker/monitor Left channel is on the output connector number 7. The Amplifier or the Active Speaker/monitor Right channel is on the output connector number 8.
03. Connect the external audio source (such as the microphone or CD player) to the mixer before the mixer is powered on. Alternatively, ensure the channel fader is at the bottom level or muted before connecting third-party equipment.
04. Confirm again that the Master fader and Monitor level is at the bottom and then switch on the console by holding down the Power button for 5 seconds.
05. Switch on the Amplifier or Active Speaker/monitor (if applicable).
06. Configure the input channel. Rename it and change the representative colour as per the input source.
07. Enable Phantom power if the connected equipment requires Phantom power (ie Condenser microphone)
08. Set the fader to the 0dB position, adjust the gain level and make sure that the meter is working within the range. The peak light might flash occasionally. The on-screen meter level show the signal level of each channel.
09. If the input signal contains unwanted low-frequency components then the EQ High Pass Filter can be used to remove some of the low frequencies.
10. Increase or decrease the corresponding frequency band according to the needs of the signal source with EQ. Control the dynamic range with the compressor.
11. Send the input signal to each effect processor, output Aux's, Group's and Master outputs.
12. Adjust the channel Pan value to move between left and right outputs.
13. Adjust the fader level until the sound is to your preference.

Commonly Used Connections



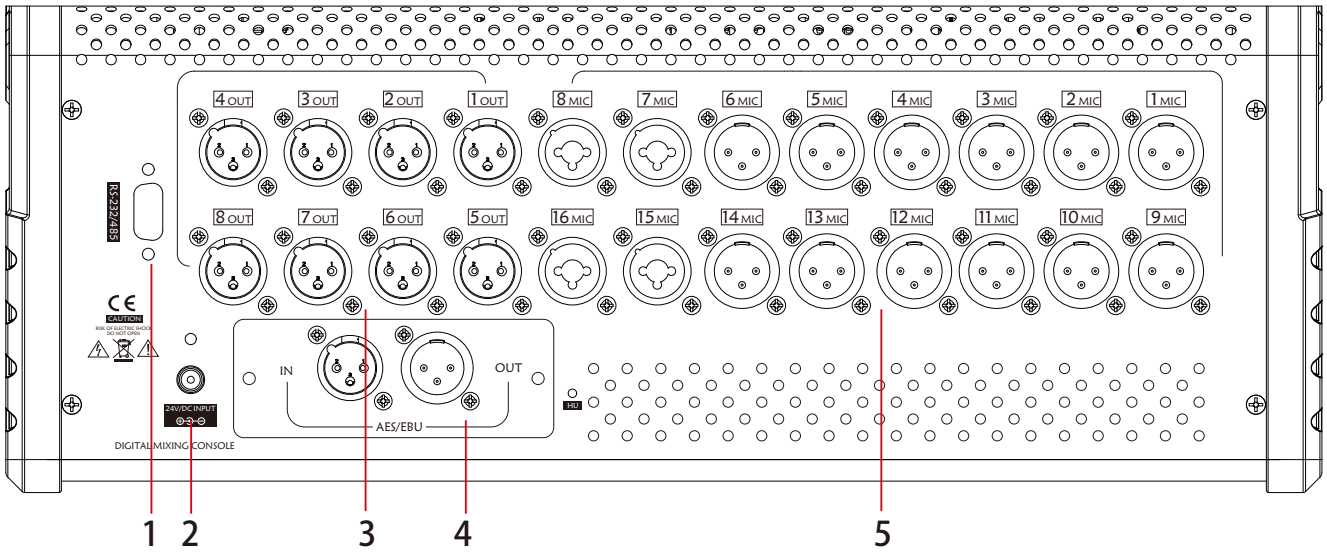
Front Panel



1. Gain: These are analogue gain controls. The gain setting will remain unchanged regardless of scene changes.
2. USB: Record/play, scene import/export, system update, WI-FI dongle for iPad remote control networking.
3. Headphones: Headphone jack and the headphone volume control.
4. Menu Buttons
4.1. Power On/Off button
a. Press and hold for three seconds to turn the system on or off.
b. Press and hold for one second to lock/unlock the screen and faders.
4.2. Mute button
Press to activate the mute function. There will be no response if there are no mute groups set.(Default Mute All)
4.3. System Setup button.
Press to enter the Setup page for System, Channel, Patch, EQ, FX, GEQ and lots more.

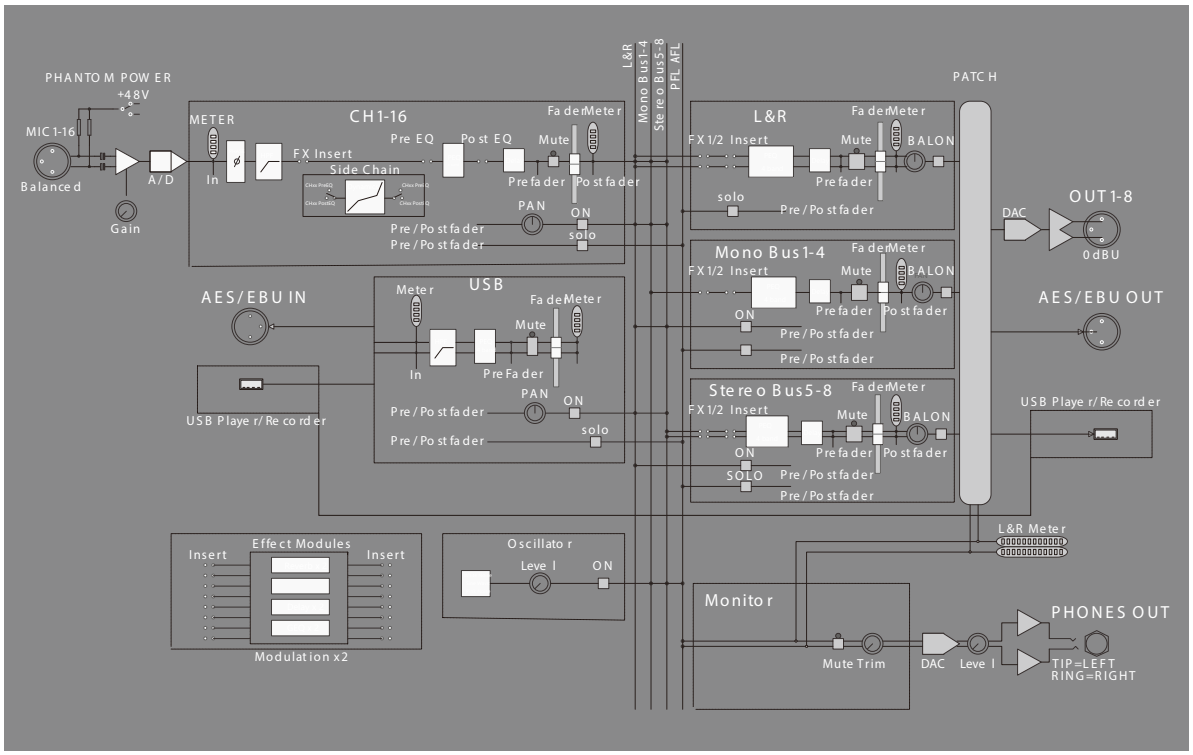
4.4. User Define Layer button.
When User Layer is defined, pressing this button will display the defined layer on the screen. Nothing happens if no user layer has been defined.
4.5. Layers buttons.
Quick page navigation button to navigate between inputs channel 1 to 8, 9 to 16 and the output channel.
4.6. Buss Send Fader Follow button
Fader follow button allows the user to quickly perform buss send to the channel with the fader.
4.7. USB Music Play/Pause button.
Quick play or pause button. Tap twice to enter the USB Player menu.
4.8. Master Output button.
Displays the Master LR channel strip on the screen.
5. Display screen.
10.1" 1280 × 800 Pixel IPS Touchscreen
6. Rotary encoder
A multi-function purpose encoder controls the selected parameter.
7. 100mm Motorised Faders
8. Master Output Motorised Fader
The main Output Fader adjusts the volume of the master output.

Rear Panel



1. RS232: Send and receive serial port control signals through the standard RS232 serial port protocol.
2. Power input port: 24V power supply interface. Always use the factory supplied power adapter.
3. Output: All outputs are balanced XLR outputs. Connectors 7 & 8 default to the main output known as "left and right".
4. Expansion slot: This is an optional expansion slot for optional cards. The available optional cards are AES/EBU, USB and DANTE. (All cards are stereo)
5. Input: All are balanced input connectors. 12 XLRs - 4 of which are multi-function Combo connectors.

Signal Flow



Specification-1

MIC INPUTS	MIC INPUTS	16 channel inputs (balanced)
	Mic input connector	16 XLR and 4 COMBO inputs
	Input impedance XLR	3kΩ
	Frequency Response	20Hz–20kHz (+/-0.5dB)
	Max. Input Level	+20dBu (balanced)
	S/N Ratio	105dB
	Gain Range	70dB
	THD	0.005%
	Phantom power	+48V (CH-1 to CH-16)
LINE INPUTS	Line Inputs	4 COMBO inputs
	Input impedance	20kΩ
	Max. Input Level	+30dBu (balanced)
	Frequency Response	20Hz–20kHz (+/-0.5dB)
	THD	0.008%
	Gain Range	70dB
	S/N Ratio	105dB

Specification-2

INPUT	Phase	Normal/Reverse
	Delay	0 to 200msec
EQ	4 Band Equalizer	Frequency：20Hz-20kHz +/-18dB
		Q= 0.5 to 10.
		HPF, Low, LowMid, High Mid,High
		Mode:Bypass /Flat /Library
DYNAMICS	Gate	Threshold= –80dB to 0dB
		Attack：0.5msec to 100sec
		Release：2msec-2sec
		Hold：2msec-2sec
		Depth：–80dB to 0dB
	Compressor	Threshold= –80dB to 0dB
		Attack：0.5msec to 100sec
		Release：2msec-2sec
		Gain：–12 dB to +12dB
		Ratio：1.0 to 20

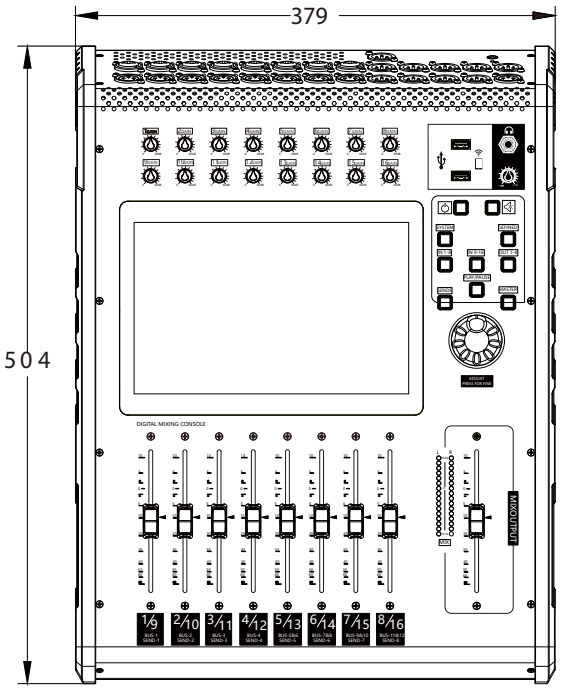
Specification-3

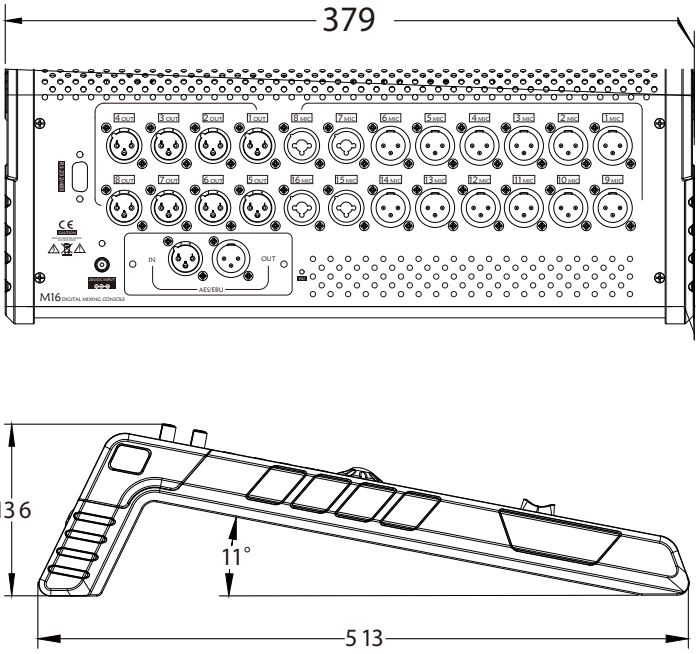
XLR OUTPUTS	Main Outputs (Balanced)	8 assignable outputs XLR
		L/ R + 4 Mono Busses + 4 Stereo Busses
	THD	0.0 05%(20Hz–20kHz)
	Frequency Response	20Hz–20kHz(+/ -0. 5dB)
	Max . Output level	+18 d Bu
	Output impedance	470 Ω
HEADPHONES	Head phones Output connector	TRS jack
	Head phones Output Impedance	100 Ω
	Max . Out put level	+22 d Bu
DIGITAL IN/ OUT	Digitall / O	AES / EBU in and out
		USB stereo input and REC function
	USB Format	2.0
	USB Maximum Memory capacity	32GB
	I / O Latency	<1.8ms
	Recording format	wav

Specification-4

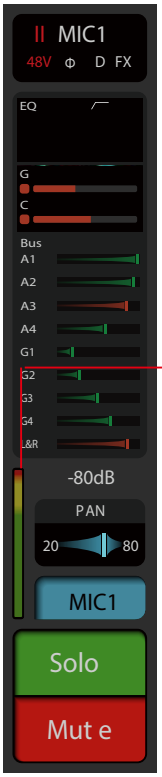
GENERAL	Maximum Voltage Gain	70dB input to bus out
	Dynamic range	106dBu analog in to analog out
	Cosstalk	−85dB
	AD/DA Converter	Up to 24Bit/192KHz
	Signal processing	40-bit floating point
	FX Modules	Modulationx2, Delayx2, Reverbx2, 31GEQX2
	Screen Resolution	10.1” touchscreen 1280X800
	Faders	9 x fully motorised 100mm faders.
	System	Android
	Network	WIFI external USB adapter
HARDWARE	Power supply	External. 24V DC (AC 90-240V 50/60Hz)
	Power consumption	50W
	Dimension	(DxWxH) 504x379x136mm
	Weight	Net weight: 6.6kg Gross weight: 9kg
	Included Accessories	Wifi USB adapter / User Manual
		Power Supply / Power Cord

Dimensions





MIC - Channel



1. Mic input section: displays the current channels' Link, gain value, phantom power, phase, delay and effect setting.
2. PEQ: Displays the parameter curve and switch status of the 4-band parametric equalizer.
3. Dynamic: Displays the operating status including the threshold and the compressor.
4. Send: Shows the level and status of the current channel sent to the Buss.
5. Channel level meter: Displays the input signal level of the current channel.
   The default display mode is Pre-Fader but can be changed Post-Fader in the Setup Meter Page if required.
6. Fader value: Displays the current input fader value.
7. Pan: Displays the pan value of the current channel.
8. Channel Name: Displays the name of the current channel. The name and colour of the channel name can be changed in the channel setup page.
9. Solo: Click to send the selected signal to the monitor Buss, click again to exit the monitor mode.
10. Mute: Click to mute / unmute the selected signal.

MIC – Edit 1

1. Edit/EQ/COMM

1.1. Edit - Navigate to the channel configuration page

1.2. EQ – Navigate to the channel EQ configuration page

1.3. COMM – Navigate to the channel Side Chain, Gate, Compressor configuration page.

2. Channel Navigation

Navigate to other channels - without closing and re-opening the setup page.

3. Copy or Link Channel

3.1. Copy - Enable the user to copy the entire channel setting over to another channel.

3.2. Link Channel:

a. Tap once to link horizontal (Left & Right) E.g Ch 1 & 2, 3 & 4

b. Tap twice to link horizontally (Top and Bottom), E.g Ch 1 & 9, 2 & 10

4. 48V/Phase/Delay/Pan/Rename

4.1. 48V - 48V Phantom On/Off. The default is Off. This function is used to supply 48V power to a condenser microphone or some other device that needs to be powered.

4.2. Phase - Inverts the input signal by 180 degrees when it On. The default is Off.

4.3. Delay -Tap to select and use the physical large Rotary encoder or the on-screen fader on the right to adjust the Delay value. The delay range is from 0.0 ms to 200 m

4.4. Pan - Tap to select and use the Rotary encoder or the on-screen fader on the right to adjust the Pan value.

4.5. Rename - Tap to enter a new name for the channel.

MIC – Edit 2

5. FX/GEQ Insert

5.1. This area shows the options to insert the effect module. inserting the effect module into the current channel before the equalizer, and allowing only one effect module to be inserted into the input channel. Two effect modules are allowed for the output channel. When the selected module has been occupied by another channel, a popup window with the message "This module is only allowed to be used once and has been used**. Please confirm whether to force this module?"

5.2. Tap twice on the effect module to enter the effect configuration page.

6. Buss Send

This section displays the status of the parameters sent to the buss by the input channel. This includes the On/Off button, the send level, the pan level, and the pre-fader or post-fader setting.

7. Multi-purpose On-Screen Fader

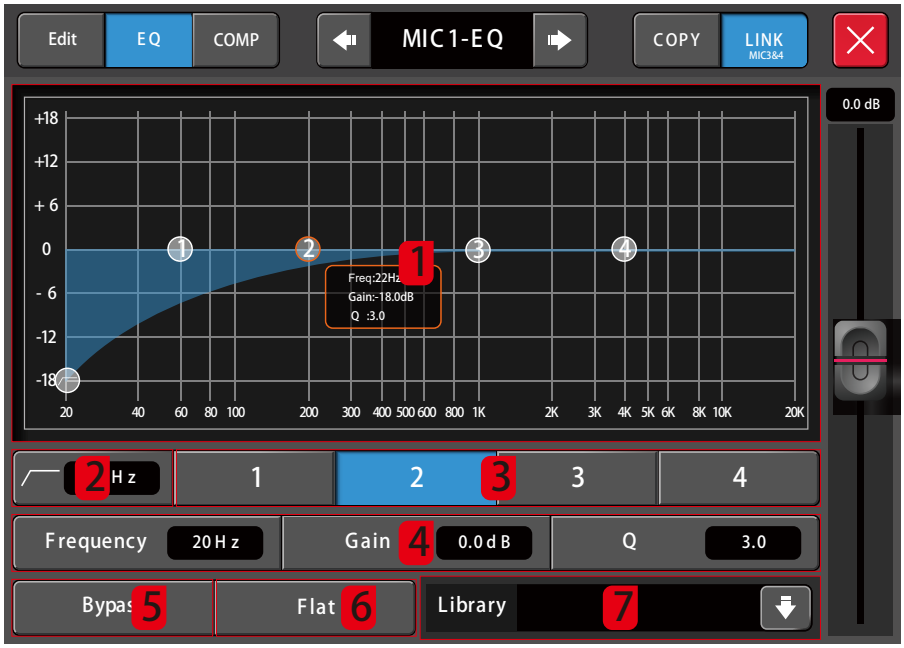
7.1. dB Text Value.

The channel's input/output signal level. Tap twice to quickly set the input/output level to 0dB.

7.2. On-screen Fader.

The on-screen fader on the right section of the screen is a multi-purpose on-screen fader for a variety of parameter value adjustments.

MIC – EQ



1. 4 Bands PEQ Graph.

The EQ Graph has 4 draggable selection points.This allows the user to quickly adjust the selected band Frequency and Gain to anestimated position. The user can then use theon-screen fader or the large Rotaryencoder to fine-tune adjust it respective Frequency, Gain, and Q value.

2. High Pass Filter.

Tap to enable/disable the high pass filter. The default is off. Use the on-screen fader on the right or the physical Rotary encoder to adjust the frequency of the high-pass filter (press and holdthe Rotary encoder for fine tuning). The frequency range is 16Hz to 400Hz. The default is 16Hz. This filter is very important for cutting out the low-frequency noises coming in from a stage. If the signal source has no low-frequency information, it is wise to use a high pass filter.

3. 4-Band PEQ buttons

Click to select the band and the frequency, gain and Q (width) value.

4. EQ Parameter Setting

Adjust the Frequency, Gain and Q (width) value. Tap to select then use the on-screen fader or the physical Rotary encoder to adjust the value.

Gain – Range +/-18dB. The default is 0dB

Frequency – Range from 20Hz to 20kHz for the 4 bands of EQ. The default frequencies for High Band is 4kHz, High-Mid Ban is 1kHz, Low-Mid band is 200Hz and Low band is 60Hz.

Q – Q value range from 0.5 to 10.0. The default value is 0.

5. ByPass

Tap to ByPass the PEQ. Default is Off.

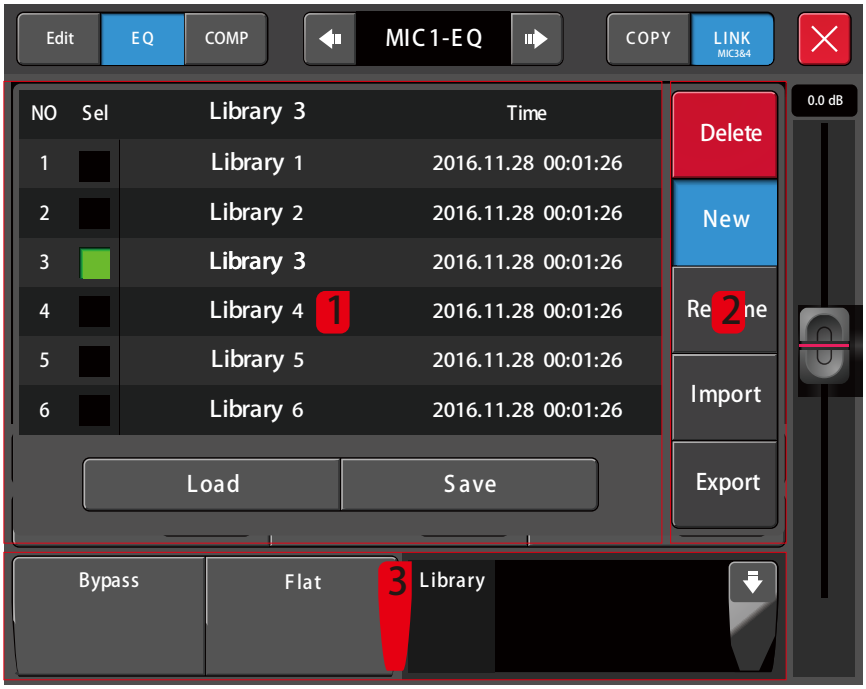
6. Flat

Tap this Flat button to reset the Graph setting back to flat position. Default is Off.

7. EQ Library

Tap the drop-down arrow to view the saved EQ library and enter into the EQ Library Setup page.

MIC – EQ Library



EQ Library Page:

This page contains a list of the functions and library files for the PEQ library.

1. EQ library file list.

The equalization library contains the serial number, selection,name, and time of creation/ update.

2. EQ library function module.

2.1. Delete library file.

When a library file is selected, Tap the "Delete" button and see a popup dialogue box "Do you want to delete this library file? " Click "Yes" to delete or "No" cancel the operation.

2.2. New.

Tap the New button. A pop-up window will appear for the name of the new EQ library.

This will save the current setting to the newly created EQ library.

2.3. Rename.

Select the library from the list, then tap on the Rename button. A popup window will appear asking for the New Name

2.4. Import.

Insert a USB stick to the mixer front-panel USB port. Tap the Import button and import the saved EQ library from the USB stick. NOTE - If the EQ library name already exists, it will be replaced with the newly imported library.

2.5. Export.

Insert a USB stick to the mixer front-panel USB port. Select the EQ library from the list then tap the Export button to export the selected EQ library to the USB stick.

3. Load/Save EQ Library.

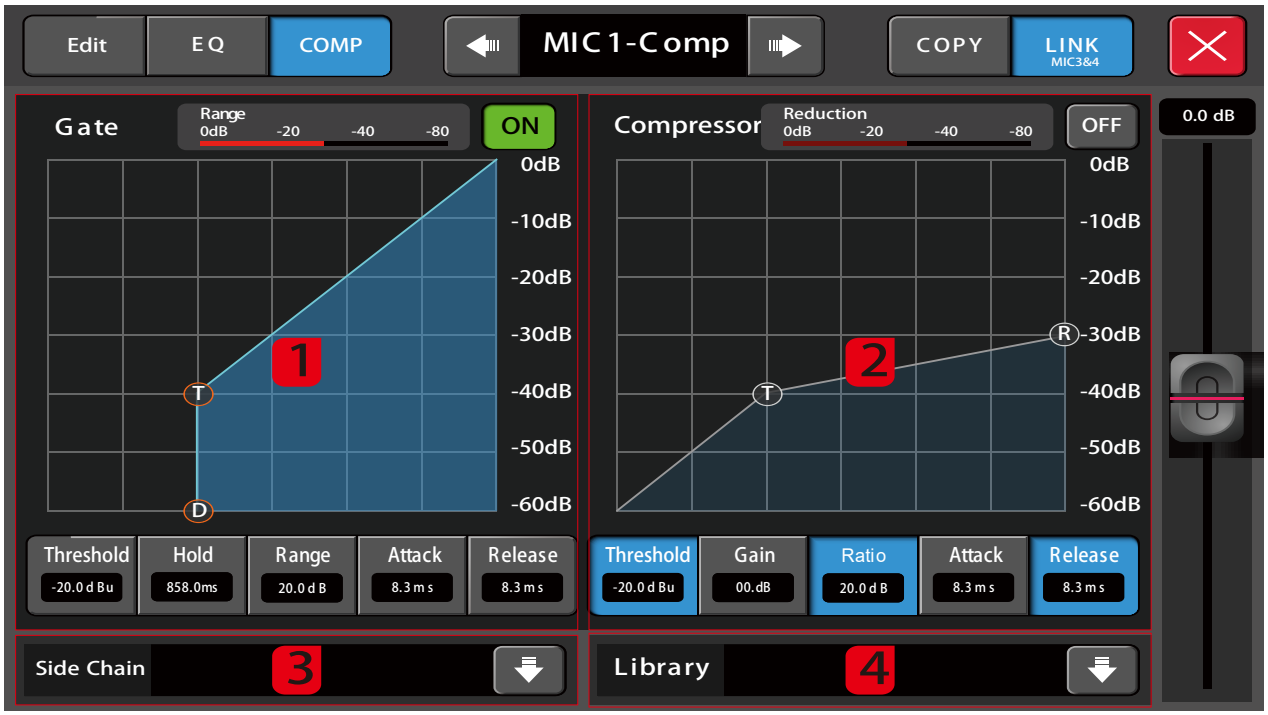
3.1. Load Existing Library.

Select the library from the list then tap on the Load button.

3.2. Save/Update Library.

Select the library from the list then tap on the Save button to overwrite it with the current EQ setting.

MIC - Compressor



1. Gate.

The Y-axis represents the threshold and the X-axis represents the time factor. The rising line determines the attack time.The horizontal curve is the hold time, and the descent line determines the release time.

1.1. On/Off.

Tap this button to enable or disable the Gate.

The default is Off.

1.2. Threshold.

Threshold Range is from -56dB to 0dB. The default is -56dB.

1.3. Attack:

Attack time is from 0ms to 100ms. The default is 0ms.

1.4. Release:

The Release time is from 2ms to 2000ms. The default is 2ms.

1.5. Hold:

The Hold time is from 2ms to 2000ms. The default is 2ms.

1.6. Range:

The Range is from -80dB to 0dB. The default is -80dB

2. Compressor.

2.1. On/Off

Tap this button to enable or disable Compressor.

The default is Off.

2.2. Threshold:

The Threshold Range is from -56dB to 0dB.

The default is -56dB.

2.3. Attack:

The Attack time is from 0ms to 100ms. The default is 0ms.

2.4. Release:

The Release time is from 2ms to 2000ms.

The default is 2ms.

2.5. Gain:

Gain is from -12dB to +12dB. The default is -12dB.

2.6. Ratio:

The Ratio is from 1.0 to 20.0. The default is 1.0

3. Side Chain

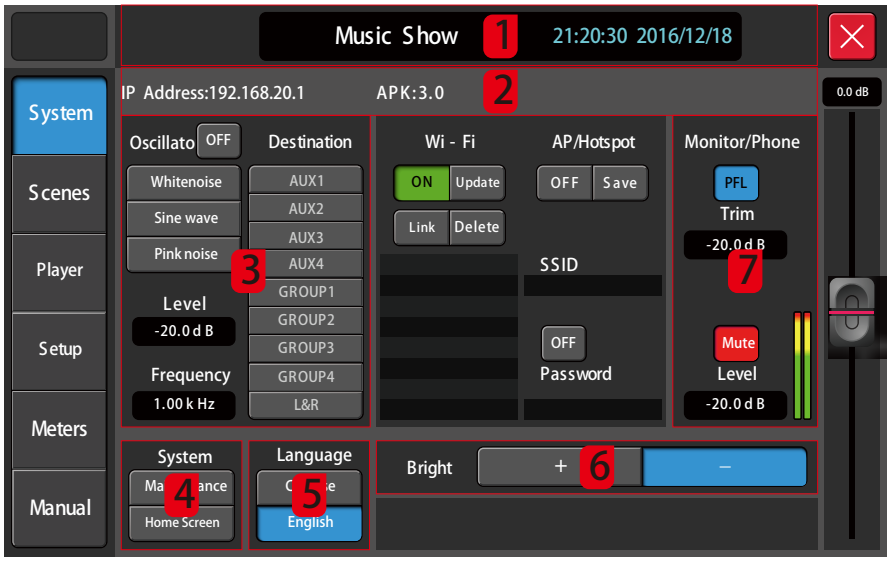
Click the drop-down button to select the side chain channel from the list.

The user can select Pre or Post EQ channel settings for the Side Chain.

4. Compressor Library

Uses the same style of operation as found in the EQ Library.

System



1. Scene

Displays the current scene name, date and time.

2. System Information

Displays the mixer IP address and the current software version.

3. Oscillator

Test and calibrate the system with the oscillator.

3.1. Oscillator On/Off

Enables or disables the oscillator.

3.2. White noise:

The level is from -76dB to 0dB. The default is -30dB.

3.3. Sine wave:

The level is from -76dB to 0dB. The default is -30dB.

The Frequency is from 10Hz to 20kHz.

The default is 1kHz.

3.4. Pink noise.

The level is from -76dB to 0dB. The default is -30dB.

4. System.

For maintenance and home screen options.

This feature is mainly for the service engineer.

5. Language

The default language for the mixer text display is English. In the future, there is a possibility to support the multi-lingual display.

6. Brightness

This adjusts the display brightness. There are six brightness levels to choose from. The default is level 3.

The system will resume with the last brightness setting upon system restart.

7. Monitor/Headphone

There is a headphone jack and an analogue knob level control to control the headphone volume on the upper right corner of the mixer. The two balanced output connectors at the back are used for monitor speaker by default.

The user can change the signal from PFL or AFL by tapping the on-screen AFL/PFL button. The default is AFL.

The level range is adjustable from -80dB to 0dB. The default is -20dB. The Mute function enables the user to mute or unmute the monitor buss. The default is unmuted.Note: The headphone signal is the same as the monitor signal. In addition to the analog gain control, both the level and the mute are controlled.

The level meter display shows the real-time signal.

Setup-WiFi

8. Wi-Fi Section

8.1. Before setting up the connection between the iPad and the mixer please make sure that the WIFI dongle has been plugged into the mixer's USB port. The remote control (Wi-Fi) distance depends on the power (coverage) of the wireless router.

1- Click the Wi-Fi On/Off button to enable or disable the Wi-Fi feature. Then select your network from the list.

2-Enter the password for the selected network.

8.2. AP Mode Connection Setup

In an area where there is no Wi-Fi coverage AP mode can be used. Tap the AP/Hotspot On/Off button to enable or disable AP mode. Once the AP is On the system will display the default SSID name and a blank password. Change the SSID name and password to setup the AP/Hotspot.

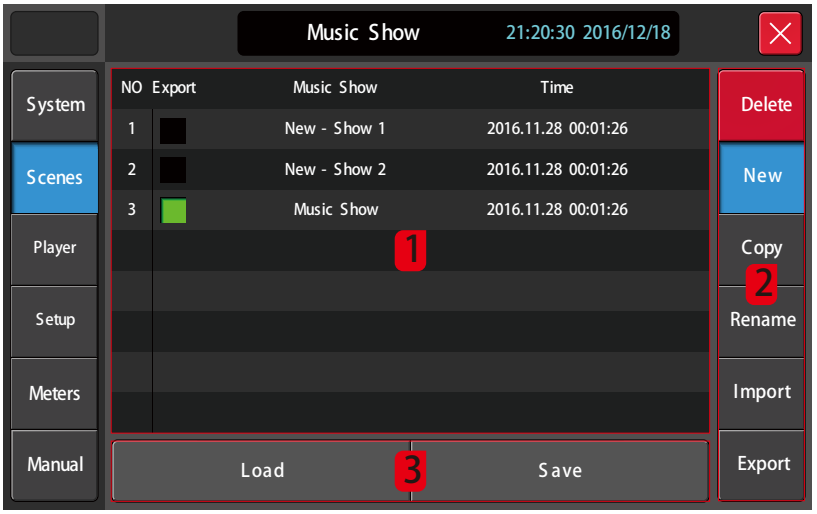
iPAD Setting

1. Download the Wharfedale Pro M16 app from the iPAD OS app store.
https://apps.apple.com/gb/app/m16-mixer/id1474073087

2. Ensure the iPad is connected to the same network as per the mixer setting - or select the AP SSID name set in the mixer.

3. Launch the app and scan for the mixer. Tap the connect button when mixer is found.
Optionally, the user can enter the IP address to connect to the mixer if there are more than one device is found.

Setup - Scene



Scene Page

1. Scene List

The scene list contains the serial number, selection, name,creation or update time.

Tap the list to select the scene.

2. Scene function module

2.1. Delete

When a scene is selected tap the Delete button to delete it.
A popup the dialog box with “Confirm whether
to delete the scene” will show. Tap “Yes” to
confirm the deletion or “No” to cancel the operation.

2.2. New

Tap the New button to create a scene with the current configuration.

2.3. Copy

Copy the selected scene with another new scene name.

2.4. Rename

Rename the selected scene.

2.5. Import

a. Tap the Import button and you will see a popup window displaying a list of available scenes on the plugged-in USB drive.

b. Choose the file from the list to import. A success or failure dialog box will pop up to show the import status.

c.The system will add a text of "-USB" to the end of the file if an existing scene name is found in the system.

2.6. Export

Ensure the "Export" box is ticked in the selected scene list then tap the Export button to confirm the export of the selected scenes. A dialog box will pop up to show the export status.

3. Load/Save

3.1. Load

Tap the scene name from the list to selected it - then tap the Load button to load the selected scene.

3.2. Save

Save the current configuration to the selected scene.

Setup - Multimedia

1. Play List

The system will read the files from the attached USB drive for any file format of MP3, WAV, FLAC, or APE and then will display the details in this section.

2. Record and Play Meter

Shows the recording signal or current playback signal level.

3. Record/Playback Mode

3.1. USB

Source from/to the mixer from the front-panel USB ports

3.2. DiGi

Source from/to the mixer rear panel expansion card slot. This could be an optional USB Card, AES/EBU Card or Dante Card.

3.3. Trim

Increases / decreases the input/output level

3.4. Fader

Input/output level

3.5. Output

Assign a USB or AES/EBU signal to the output Buss.

4. Record/Playback Operation button

4.1. Previous

Go to the Previous audio track

4.2. Next

Go to Next audio track

4.3. Play/Pause

Play/Pause the audio

4.4. Shuffle

Shuffle play from the list

4.5. Record

Start recording

Setup-FX Assign

FX Assign:

This page allows the user to add the FX or GEQ module to the Inputs or Output channel quickly without going through 'channel by channel'.

1. Assignment type

Configuration of the FX, Output patch, Custom layer or Mute group

2. Assignment section

2.1. Select a channel

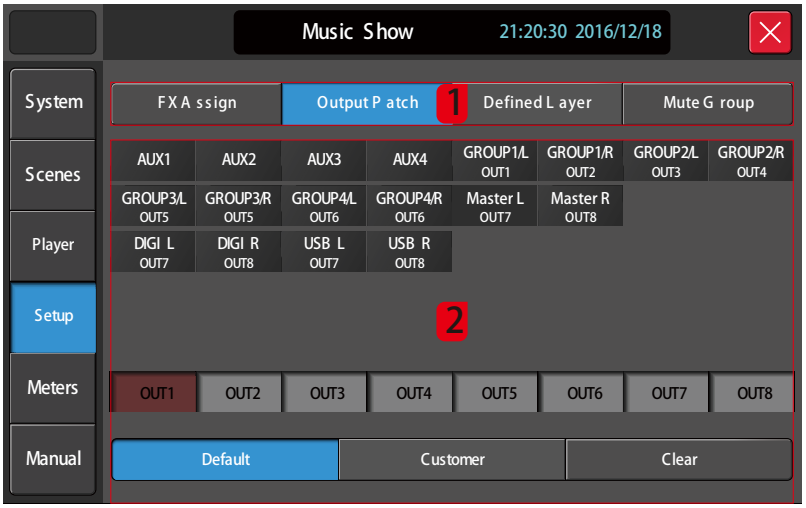
2.2. FX Module selection

2.3. Clear button will clear all assignments

Note:

- Each FX/GEQ module can only be used once. If it was assigned to another channel, the same FX/GEQ module assigned to another channel will be removed from the previous channel.
- Input or Output can have two FX/GEQ modules. Eg. Mod1/Rev1, Mod1/Rev2, Mod2/Rev1, Mod2/Rev2, Mod1/GEQ1, Del/GEQ2 etc.O

Setup-Output Patch



This page allows the user to customise the output to any of the output connectors or define their own preferences output format.

1. Assignment type

Configure the FX, Output patch, Custom layer or Mute group

2. Assignment section

2.1. Select a channel

2.2. Output Connectors

2.3. Default button will reset the output assignment back to factory setting.

2.4. Custom button will load the user defined custom output setting.

2.5. Clear button will clear the current setting

Setup – Define Layer

The M16 system provides a User Define layer option to allow the user to customise a page with 8 channels. The User Define layer can be made up of a combination of inputs and outputs.

1. Assignment type

Configuration the FX, Output patch, Custom layer or Mute group

2. Assignment section

2.1. Tap the Defined Layer button at the bottom to enable the editing mode.

2.2. Select an input/output

2.3. Tap the output box to assign the selected channel to the selected position

Note:

Editing mode enable only if the "Defined Layer" button is enabled. The default is disabled.

Setup – Mute Group

The Mute button will mute ALL input and output channels when pressed in its default setting. The user has the option to customise the mute group.

1. Assignment type

Configuration the FX, Output patch, Custom layer or Mute group

2. Assignment section

2.1. Tap the Mute Group button at the bottom to enable the editing mode.

2.2. Select the input/output to mute or unmute

2.3. Mute All

System will select all inputs/outputs when tapped

2.4. Clear

Clear the current selection.

FX - Modulation

1. FX Navigation
Change to Modulation 1, 2, Delay 1, 2, Reverb 1, 2 or GEQ 1, 2

2. FX Library
Click on this dropdown menu to display the FX Library page.
This Library page allows the user to create a new library, load from an existing library, import, export or delete.

3. FX Preset
Click this dropdown menu to select the preset library.

4. Other Parameters
4.1. Dry or Wet Setting
Setting for the FX Dry or Wet. The Range is from 0 to 100.
4.2. Speed
Setting for the Modulation Speed. The Range is from 50dB to 200dB.
4.3. Intensity
Setting for the Modulation Intensity. The Range is from 50dB to 200dB.

5. High Pass Filter
5.1. Gain
The Gain setting for the HPF. The Range is from -18 to +18
5.2. Frequency Setting
The Frequency setting for the HPF. The Range is from 20Hz to 20kHz

6. Low Pass Filter
6.1. Gain
The Gain setting for the LPF. The Range is from -18 to +18
6.2. Frequency Setting
The Frequency setting for the LPF. The Range is from 20Hz to 20kHz

FX - Delay

1. Preset

Click the down drop to select the preset. The list includes:

One echo 1/4, Two echo 1/8, Three echo 1/16, Three echo 1/16 Delayed, Four echo 1/16, One echo 1/4 with 4 Reflections

2. Other Parameters

2.1. Dry or Wet Setting

Setting the FX Dry or Wet. The Range is from 0 to 100.

2.2. Factor

Setting the Delay Factor. The Range is from 1/32 to 6.

2.3. Delay Time

Delay time cannot be changed manually. It will depend on the Factor and the Tempo setting

2.4. Tempo

Delay Tempo depends on the Tap Tempo. The tempo range is from 40 BPM to 240 BPM.

The default is 80 BPM. Tap twice on the text value to restore it to default value.

2.5. Feedback

The delayed output signal is fedback to the input to produce an amplitude-attenuated echo.

Adjustment range is 0-90. The default is 0.

Factor: 1 2 3 4 5 6 7 8 9 10 11 12 13

Ratio to BPM: 1/24 1/16 1/12 1/8 1/6 1/4 1/2 =BPM X2 X3 X4 X5 X6

FX - Reverb

1. Preset

Click the downdrop to select the preset. The list includes: Bright Hall, Warm Hall, Bright Room, Warm Room, Bright Plate and Warm Plate

2. Other Parameters

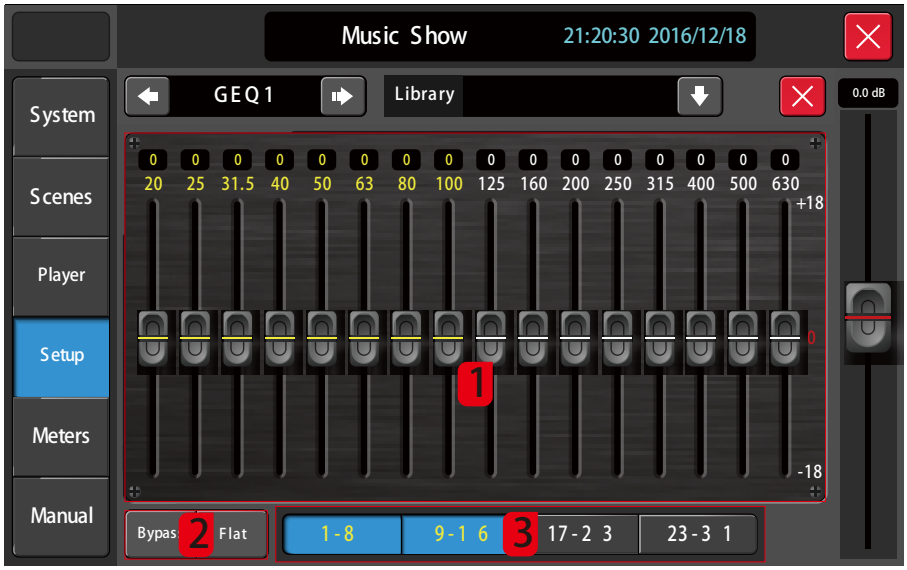
2.1. Dry or Wet Setting

Setting the FX Dry or Wet. The Range is from 0 to 100.

2.2. Speed

The Speed. The Range is from 0% to 100%.

FX-GEQ



1. The level of all frequencies are set to 0dB by default. Use either the on-screen fader or the mixer fader to adjust the value.

2. ByPass/Flat

2.1. ByPass

Tap this button to ByPass or cancel ByPass

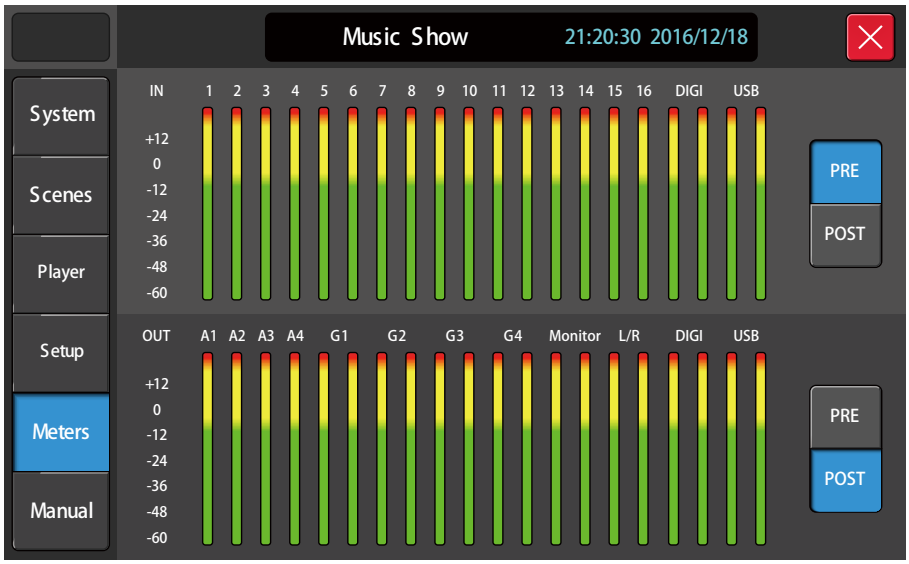
2.2. Flat

Reset all frequencies level back to 0 dB.

3. 31-band GEQ selection button

Tap this button to set the mixer fader to correspond to the GEQ section.

System – Meters



1. Meter Level View

2. There are two sections in this page:

2.1. Input and output meter.

3. There are two modes for each section.

3.1. Pre fader meter view.

3.2. Post fader meter view.

The Input and Output channel page meter display changes according to the settings made here.

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