

CHANNEL EDIT > DYNAMICS



SOFT KNEE / HARD KNEE

Set SOFT KNEE or HARD KNEE mode for the compressor

This determines how threshold level is interpreted. HARD KNEE mode means that the threshold represents an abrupt transition. SOFT KNEE means that it represents a gradual transition.



PRESETS

Save / load Dynamics presets

Brings up a standard preset management pop-up box.

CHANNEL EDIT > AUX/FX SENDS (4 on Ui12, 6 on Ui16)

The AUX and FX SENDS tabs in the EDIT screen are a convenient way to access all output contributions for a single channel - as opposed to the 'mix view' approach of the dedicated AUX SEND and FX SEND pages. The AUX SENDS view/tab for both phone and tablet software versions includes PRE/POST and MUTE buttons for each send.

The FX SENDS view/tab for both phone and tablet software versions offer MUTE buttons and selections for editing the settings of the different FX processors. In the phone software, clicking/touching one of these takes you to an additional detail view to edit that FX processor.

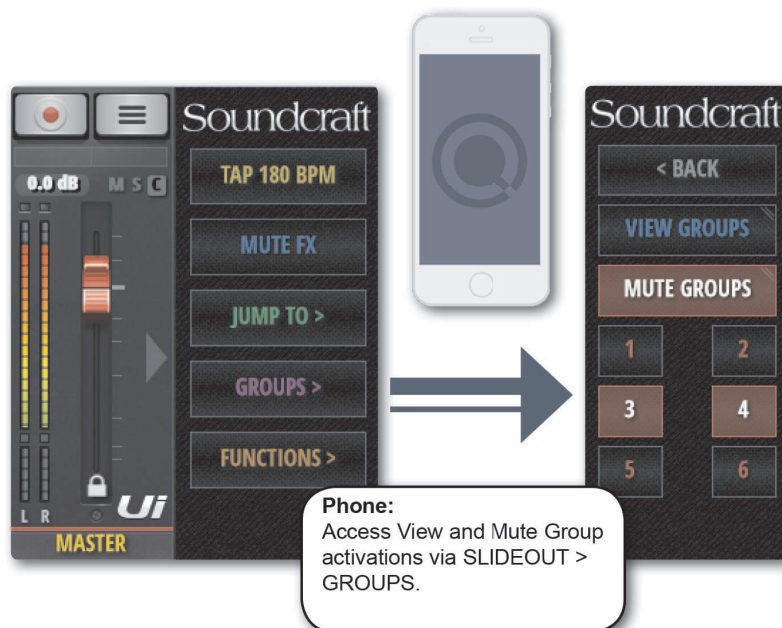
For details on the internal FX processors, please see section 7.



MIX FEATURES > VIEW & MUTE GROUPS

In Ui software you can mute channels individually, or in Mute Groups. There are six Mute Groups available to be assigned to any muteable channels. To mute all channels in a Mute Group, simply select the required Mute Group button. View Groups work in much the same way, though these define mixer channel views. For example, you could assign all vocal channels, plus an aux master to View Group 1 for instant recall. The 'INPUTS', FX RETURNS, SUB GROUPS, and AUX MASTERS buttons available in the Slideout panel are simply convenient preset View Groups.

To assign Mute Groups, View Groups, (and Sub Groups) navigate to the assignment page. In Tablet software, choose the appropriate tab on the Meters page or long-click/touch the respective group button in the Slideout panel. You can then choose groups and assign channels to them as required.



MIX FEATURES > MOREME

MOREME allows users to assign their own channels (which may include a vocal mic and an instrument channel for example) and mix the balance of those channels with a single large fader. This is a simple way to mix your own sound against other band members.



To view MOREME in the phone software, open the NAV menu and press MOREME, or it can be accessed from the AUX SENDS screen with a double press on the green AUX MASTER fader. Double press the blank section in between the MOREME faders to return to the AUX SENDS screen. In the Tablet software, choose MOREME from the Slideout panel.

MOREME can be displayed in both landscape and portrait orientations. Landscape is accessed from the NAV menu, whereas anytime you turn your phone to portrait orientation, the MOREME page is shown in portrait view.

For MOREME to work, you first need to assign your ME channels. Do this from a channel sub-menu in the MIX page. Long-press a channel name for the channel sub-menu, then select ASSIGN ME. Next you need to assign your aux output. Still in the MIX screen, scroll along to the AUX MASTER faders, Long press on your AUX Master output channel and select ASSIGN ME OUT.

When a channel is assigned to MOREME, its channel name is displayed in orange colour.

FX EDIT

Digital FX are used in all types of audio to help create depth and colour to a mix. The Ui12 has three internal Lexicon FX processors: Reverb, Delay, and Chorus. The Ui16 has an additional processor that can either be an additional reverb or delay.

There are dedicated FX Sends and Returns for the internal FX - simply adjust the corresponding FX Send level and bring up the level of the FX Return channel to incorporate FX into your mix. See section 4.4 for more details of FX Sends.

FX Edit panels have Preset Save / Recall, and Fader-based parameter adjustment with numeric LCD-style numeric display.



FX EDIT > REVERB

Reverberation (or “reverb” for short) is the complex effect created by the way we perceive sound in an enclosed space. Reverb is dependent on many features of that space, including the size, shape and the type of materials that line the walls. Reverb is a natural component of the acoustic experience, and most people feel that something is missing without it.



TIME

Reverb Time (milliseconds)

The amount of time it takes for the reverberation tail to decay. Reverb time is an aural indication of the type of space - large effective spaces have longer reverb times than small absorbent ones.



HF

HF Damping

By damping the high frequencies you can ‘tune in’ a more natural reverberation.



BASS

Bass Gain

Adding bass to a reverberant signal can help thicken audio that is been weakened by the reverberation algorithm, or create greater clarity in low frequencies that is sometimes masked by reverberation.



LPF

Low Pass Filter Frequency

Higher frequency settings increase high frequency response, creating brighter reverbs; lower frequency settings create darker reverbs with more bass frequency emphasis.



HPF

High Pass Filter Frequency

Reduce ‘rumble’ and undesirable muddiness by cutting the low frequencies.

FX EDIT > DELAY

Delays repeat a sound a short time after it first occurs. Delay becomes echo when the output is fed back into the input (feedback). This turns a single repeat into a series of repeats, each a little softer than the last. The Ui delay time is set in Milliseconds or in musical values. Press the DIV display to access a drop down box with the available musical note values. Press the TAP TEMPO button repeatedly to tap in the desired delay time. (This is usually done in time with the music.) Press and hold the TAP TEMPO button to manually type in the delay time in BPM.



TAP / BPM

Delay Tempo

A delay time setting that uses a 'tapped' tempo as a guide. Tap the 'TAP TEMPO' button to set the delay time. The TAP TEMPO button is also available in the control software SlideOut panel.



TIME

Delay Length

Delay time set in milliseconds.



DIV

Length Subdivision

Delay time set as a musical sub-division of the tempo. Press the DIV display to access a drop down box with the available musical note values.



FBACK

Controls the number of delay repeats by feeding the delay output signal back into the delay input

This creates a series of delay repeats, each slightly attenuated until they become inaudible. Higher settings create more repeats; lower settings reduce the number of repeats. When this knob is turned fully clockwise, it engages Repeat Hold - delay repeats play back in an infinite loop, but no further input signal is introduced into the delay effect. Repeat Hold is available only on Studio, Mono and Pong Delay.



LPF

Low Pass Filter - Frequencies above this are filtered / removed

Cut the high frequency content by adjusting the cut-off frequency of a shelving filter.

FX EDIT > CHORUS

Chorus creates a lush, full sound by combining two or more signals together where one is unaffected and the other signals vary in pitch very slightly over time. Chorus is commonly used to fatten up tracks and to add body to guitars without colouring the original tone. Chorus can also be used with discretion to thicken a vocal track.



DETUNE

Amount of deviation from the pitch of the original signal



DENSITY

Adjust the density of the chorus effect

The more dense the chorus, the thicker and richer the result will be.



LPF

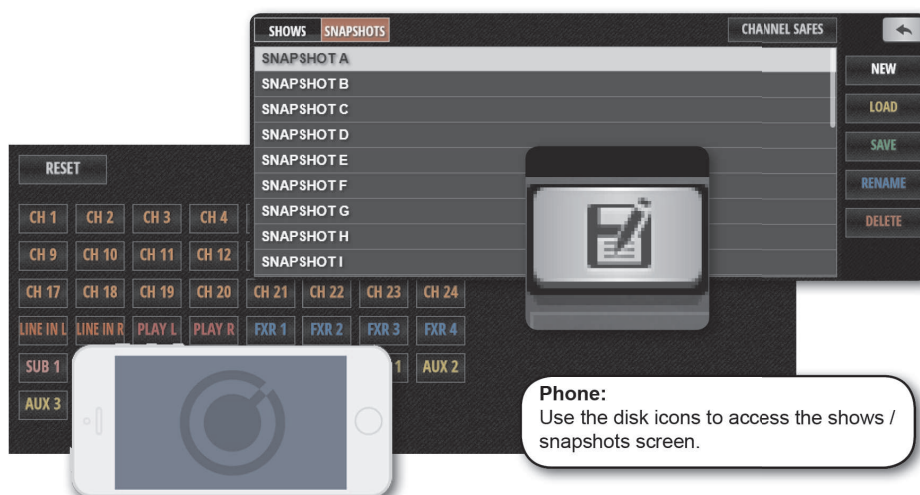
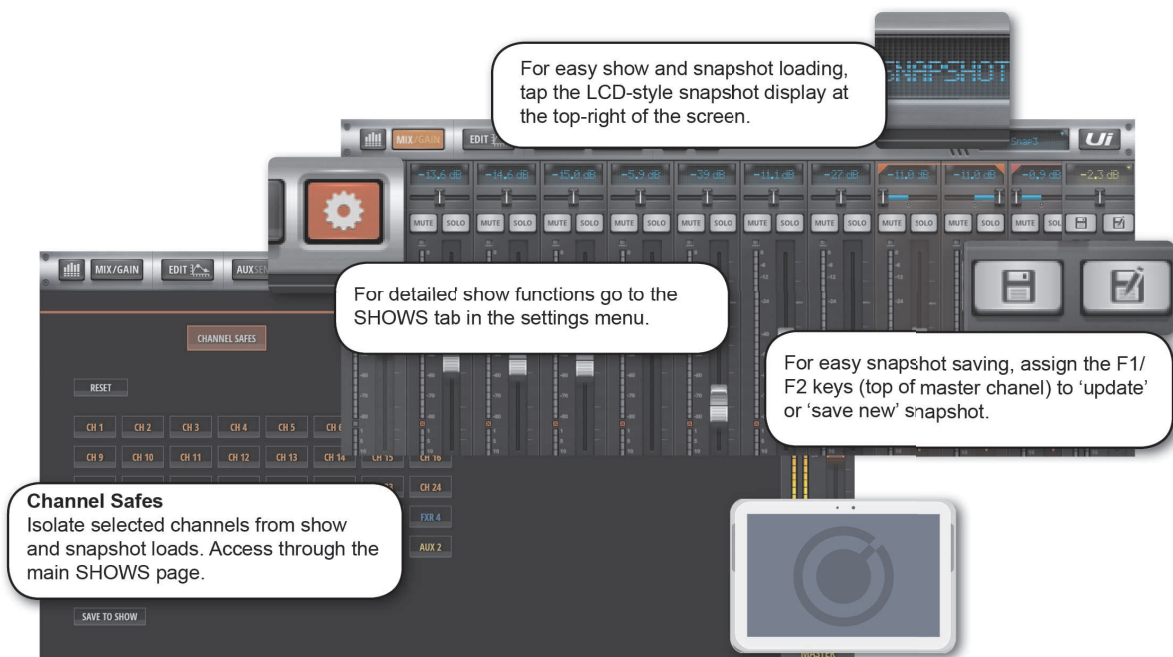
Low Pass Filter - Frequencies above this are filtered / removed

Cut the high frequency content by adjusting the cut-off frequency of a shelving filter.

SHOWS & SNAPSHOTS

A SHOW is a collection of SNAPSHOTS. A SNAPSHOT is a record of every setting on the console. You can save and recall snapshots and shows via the Ui control software - Phone or Tablet.

A snapshot remembers every setting of your mixer at one time. A common usage for snapshots is to have one snapshot per song. So your snapshot list could look exactly like your song list. At the end of each song, change to the next snapshot and every setting on the mixer is ready for that song to start.



The SHOWS & SNAPSHOTS page is accessible in the tablet software from the SETTINGS page OR by tapping/clicking the LED display in the top navigation bar (which displays the name of the currently loaded snapshot). The quick key to the snapshots pop-up is [8]. You can also assign an F1 or F2 key (top of Master Channel) to update the current snapshot or create a new one. In the phone software, simply tap the disk icon or assign the SlideOut F1 key to a snapshot function.

SHOWS & SNAPSHOTS

The unit ships with the Default Show loaded, and the * Init * snapshot. It is a good idea to create a new Show to work with and use the Default Show is an easy route back to default settings.

To set up a show, from a SHOWS & SNAPSHOTS view (Settings) select SHOWS and press the NEW button. Then name your show.

In the SHOWS AND SNAPSHOTS page you can create, load, delete, and rename shows and snapshots.

Now take a snapshot by pressing the SAVE button (next to the SNAPSHOTS column or in the SNAPSHOTS view). You can also assign the Update Snapshot and New Snapshot functions to the F1 and F2 keys (Settings menu).

Loaded Shows and Snapshots are shown in red text.

When you take a snapshot, it is saved inside the current Show.

Snapshot delete operations only work on Snapshots in the current show. If you try to delete a Snapshot from a Show that is not loaded, an error message will appear.

USB Import / Export

You can export shows to and import Shows from a USB drive inserted into the USB port in the main unit. To Export, select the Show in the Show List, Touch EXPORT, then select the USB drive and touch OK. To import, touch IMPORT, select the Show you wish to import, then touch OK.

Channel Safes

Activating a channel safe means the highlighted channel will not change when a new snapshot is recalled.

You can configure select Channel Safes, and save them to the current show, via the CHANNEL SAFES view (accessed through the main SHOWS & SNAPSHOTS page).

PLAYBACK & RECORDING

The Ui mixer has built-in media facilities. The Ui12 can playback via a USB memory stick, and the Ui16 can play and record. The player can be used for backing tracks or for background music in between sets, for example, while the Record facility records the main stereo mix. Playback is via the PLAYBACK L and PLAYBACK R channels - these are normal input channels dedicated to the USB playback function.



The Record (Ui16) and Playback features use one or two USB Memory sticks placed in the USB sockets on the Ui hardware. The Ui16 has both play and record sockets on the front panel, the Ui12 has a USB 'PLAY' socket. There are two more USB sockets on the side panel of the unit.

Press the MEDIA icon to enter the player page, or go via the PLAYER menu button in Phone software.

Files can be played from a playlist or directly from the file list.

Menu Pop-up

Press and hold the PLAYER channel name to bring up the channel menu. The menu items are:

Disable Stereo Link

This feature separates the stereo channel into two mono faders. This is useful for musicians who want the audio on one channel and a click (tempo) track on the other channel.

Place Before Inputs

This useful feature moves the Player fader before Channel 1, so it is the 1st fader in the mixer.

File Types

Audio files must be saved to the USB stick as either WAV, AAC, MP3, OGG, AIFF, or FLAC files. Once this is completed, insert your USB stick into the USB slot labelled PLAY on the top of the Ui hardware and your song files will be shown in the USB media files column.

PLAYBACK & RECORDING

F1 & F2 PLAY

In the tablet software the F1 & F2 buttons above the Master fader (and in the phone software the F1 button in the SlideOut panel) can be assigned to play next song (in the SETTINGS > CONFIG/SETUP screens). If the player is set to manual, then the player will stop at the finish of each song. Pressing the F1/F2 play button will play the next song in the list. This allows the musician to play the next song in his set without having to view the player page.

Manual / Auto

Manual mode means the player will stop playing at the end of each song.

Auto mode means the player will automatically start playing the next song in the file list.

Cue

The Cue button is a jump to next song feature. CUE is only needed when working in manual mode.

It allows the next song to be played using the F1 or F2 PLAY button (above the Master fader), without having to jump to the media player page before every song.

Recorder (Ui16, and Ui12 with latest available Firmware)

Recording of the Master Stereo Output can be activated with a RECORD button. You can assign F1 and/or F2 buttons to this function.

SETTINGS

The SETTINGS page allows the user to manage basic setup configurations, network parameters (including the password setting for the WiFi access point), GUI preferences, and access permissions on a per-user basis. Phone and tablet software versions display the settings in slightly different forms, but all are accessible on either platform. The sub headings used in this section refer to the Tablet software.



SETTINGS PRESETS

You can save your GUI settings to, and load your GUI settings from a USB memory stick by touching the PRESETS button in the corner of the Settings page. This will open up a standard save / load screen.

GLOBAL

HEADPHONES OUT

MASTER/SOLO, AUX

Choose a source for the headphones. MASTER/SOLO is normal operation (either Master stereo output or Solo bus if an AFL or PFL is selected). AUX selects the highest pair of Aux buses as the source (3/4 for Ui12 and 5/6 for Ui16).

SOLO ROUTING

HEADPHONES, MASTER + HP

When channels are soloed, either route the solo bus to Headphones only, or to both Headphones and the Master Output.

SOLO MODE

SINGLE, MULTIPLE

SINGLE deactivates any previous solo when a new one is pressed. MULTIPLE is an accumulative solo mode (previous solos are not deactivated).

SOLO TYPE

AFL, PFL

Choose a Solo type for channel solos. PFL (Pre Fade Listen) is a 'tap' before the channel fader, so you can monitor the channel signal without having to push the fader up. AFL (After-Fade Listen) is a tap after (and affected by) the channel fader.

SETTINGS

RECORD MODE

32-bit, 24-bit, 16-bit

Choose a sample rate for the media recording function.

GUI PERFORMANCE

FRAME RATE

FULL, 1/2, 13, 1/4

Choose the highest frame rate that your device can reproduce for best performance.

DISABLE RESCALING

ON, OFF

Enable/Disable display rescaling. Disable this if your display is struggling with GUI movements..

DISABLE LED METERS

OFF, ON

If you are using a slower CPU, you may wish to turn off the LED channel meters to reduce CPU usage.

LOCAL

MASTER LOCK

ON, OFF

When ON, the Master Channel fader is locked in place. Other parameters are still changeable.

METER QUANTISATION

OFF, ON

Choose between quantised metering - rather like an LED bargraph - or non-quantised (continuous).

FADERGLOW

OFF, THIN, NORM

Options for the coloured lines under the faders. 1. On, 2. Thin and 3. Off. These lines are handy to quickly see which group of faders you are viewing (blue for FX, orange for AUX, and so on).

HIDE COMP/GATE

OFF, ON

When off, the channel meters include shorter red LED gain reduction metering below the primary meters.

DIM LED METERS

OFF, ON

Turn on to lower the intensity of the metering colours.

DISABLE VU INPUT LEVEL

OFF, ON

Disable/Enable the blue VU input level meters.

DISABLE VU PEAK

OFF, ON

Disable / Enable the peak indicators for VU meters..

SETTINGS

PIN SLIDEOUT IN MIX MODE

OFF, ON

When this option is on, your mixer page will always display the Ui SlideOut without having to re-open it each time you go back to the main mix screen.

PIN SO FOR AUX/FX SENDS

OFF, ON

When this option is on, your Aux Sends page will always display the Ui SlideOut without having to re-open it each time you go to that screen.

KINETIC SCROLL

OFF, ON

Allow screen to continue scrolling after release. Ensure the screen is not scrolling for channel sub-menu selection.

MIXER SCROLLING

1 FINGER, 2 FINGERS

For more stability across the mix screen, you can yet the swipe mode to two fingers.

BUTTON FUNCTION

F1, F2

NEW SNAPSHOT, UPDATE CURRENT SNAPSHOT, PLAY, RECORD

Choose functions to assign to the F1 and F2 buttons. On the tablet software these buttons appear at the top of the Master Channel. In the phone software only F1 is available; F2 is always the MENU or RETURN button.

LANGUAGE

ENGLISH, CHINESE, GERMAN, FRENCH, SPANISH

The default language for Ui software is English, but here you can change to Chinese or German language version. The browser will automatically refresh when these options are selected.

NETWORK

The Network page shows network settings for hotspot, WiFi network, and wired LAN. To configure these settings, select the CONFIG button. The default administration username and password is 'admin' (for both).

You can connect to the Ui in three ways. You can connect to the Ui's WiFi hotspot, you can connect the Ui to an existing WiFi network and connect to the Ui via its IP address on this network, or you can connect to the Ui using the wired LAN (Ethernet) connection. See Section 10.1 for Network setup details.

IMPORTANT: It is advisable to setup unique passwords for hotspot connection and for administration privileges. The default password for hotspot connection is 'scuiwlan'. When you first power on your Ui mixer, it will automatically send out a WiFi signal so you connect your device to the Ui network, and enter the password.

MONITOR ACCESS LIMIT

This Tab/View manages access permissions - limiting feature access per user. Given that a typical setup may have multiple users logged into the Ui software, each doing their own monitor mix, it makes sense to limit their access to reduce the possibility of accidentally changing a front of house mix.

This feature is not password protected, it is intended as a safety measure to protect accidental corruption of your mix by other users. It is especially helpful for setting up monitor permissions.

SETTINGS > NETWORK CONFIG

The Ui Config page allows you to enable/disable and edit settings for Hotspot wireless connection to the Ui hotspot), WiFi (connection to an existing WiFi network), and LAN (wired connection via Ethernet). There is also an Administration password change page, and a summary 'Network State' page.

WIRELESS NETWORK

HOTSPOT	WI-FI	ETHERNET
ENABLED	ENABLED	ENABLED
UP	UP	UP
CHANNEL: 6	IP: 192.168.1.78	IP: 192.168.1.35
SSID: Soundcraft Ui16	NETMASK: 255.255.255.0	NETMASK: 255.255.255.0

Use the Network page for easy access to network settings and status. Touch the CONFIG button to change settings, including the administrator name and password.

Authentication Required

The server <http://ui-mixer.io:80> requires a username and password. The server says: Soundcraft Ui Config Page.

User Name:

Password:

IMPORTANT: The default administration user name is 'admin' and the default administration password is 'admin'. You will be asked for these when you touch the CONFIG button.

Soundcraft Ui Config

Hotspot Configuration Wi-Fi Configuration LAN Configuration **Administrator Password** Network State

Please power cycle the mixer after changing the parameters on this page.

Administrator Password

Change the UI administrator password. If you forget this password you will have to reset the UI hardware.

Current

New

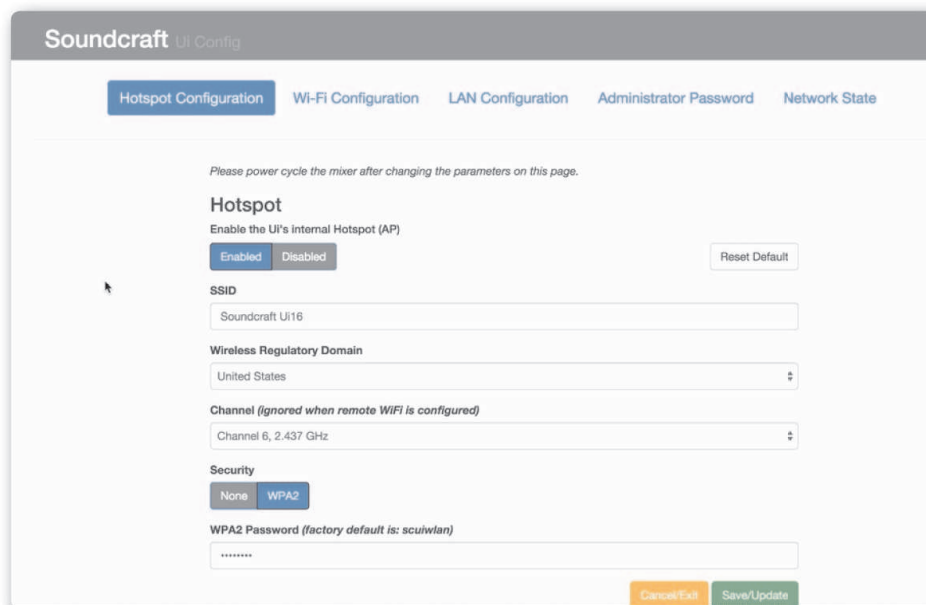
Confirm

You can change the password using the Administrator Password page once you are in the CONFIG area.

In order to reset the unit's network settings back to the factory default settings you can use the hardware reset procedure, detailed in section 3.0.2.

SETTINGS > NETWORK CONFIG > HOTSPOT

The Ui has it's own hotspot, so it can create it's own network so other devices can connect to it and access the software in it's built-in webserver. Select the Hotspot Configuration menu in Network Config to edit the Hotspot settings.



Soundcraft Ui Config

Hotspot Configuration | Wi-Fi Configuration | LAN Configuration | Administrator Password | Network State

Please power cycle the mixer after changing the parameters on this page.

Hotspot

Enable the Ui's internal Hotspot (AP)

SSID

Wireless Regulatory Domain

Channel (ignored when remote WiFi is configured)

Security

WPA2 Password (factory default is: scuiwlan)

Use the Save/Update button to save Hotspot settings.

IMPORTANT: You must recycle the Ui power (turn the unit off and on) for settings to take effect.

Hotspot

Enabled / Disabled

Enable or disable the Ui's own Hotspot. Please note, if the Hotspot is disabled you will need to connect to the Ui via either an existing Wi-Fi network, or a wired LAN connection (Ethernet).

SSID (Service Set Identifier)

Text Entry

This is the name of the Ui Hotspot. The default is 'Soundcraft Ui'

Wireless Regulatory Domain

Region Selection

Select the correct region - your current location. This will help select the correct channel selection.

Channel

Channel Selection

A number of channels are available within the Wi-Fi spectrum, depending on the Regulatory Domain - 13 for Europe (ETSI), and 11 for North America (FCC), for example. Third-party software is available to help select Wi-Fi channels.

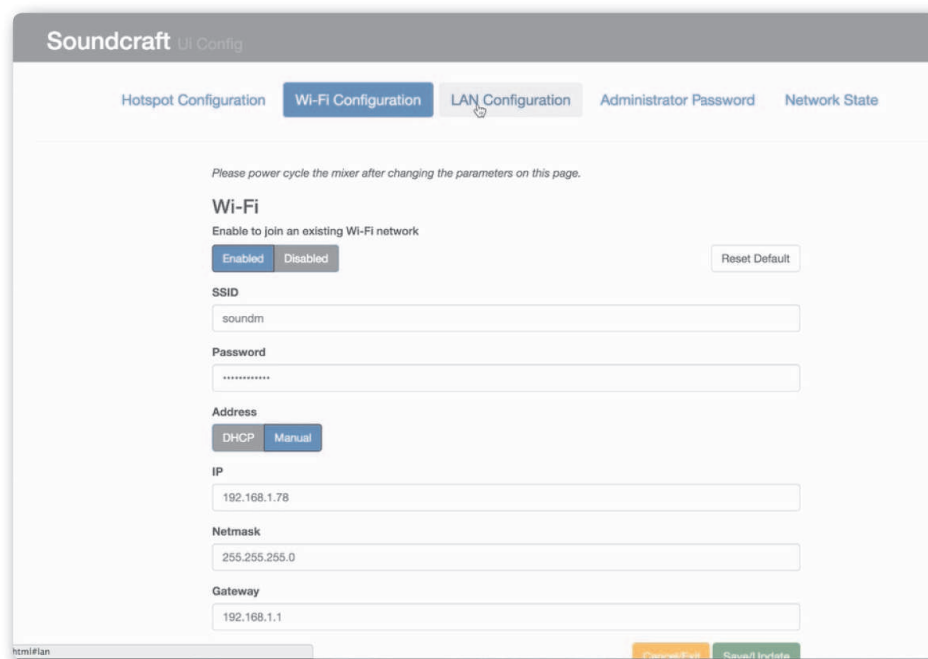
Security

None / WPA2

Choose either no security, or WPA2 (Wi-Fi Protected Access II) protection. IN the latter case, you will have to choose a password.

SETTINGS > NETWORK CONFIG > WI-FI

The Ui can connect to an existing Wi-Fi network / Hotspot, and you can access the control software via the unit's IP number (shown in Settings > Network). Select the Wi-Fi Configuration menu in Network Config to edit the Wi-Fi settings.



Use the Save/Update button to save Wi-Fi settings.

IMPORTANT: You must recycle the Ui power (turn the unit off and on) for settings to take effect.

Wi-Fi

Enabled / Disabled

Enable or disable the Wi-Fi connection.

SSID (Service Set Identifier)

Text Entry

This is the name of the network you wish to connect to.

Password

Text Entry

This is the password for the network you wish to connect to.

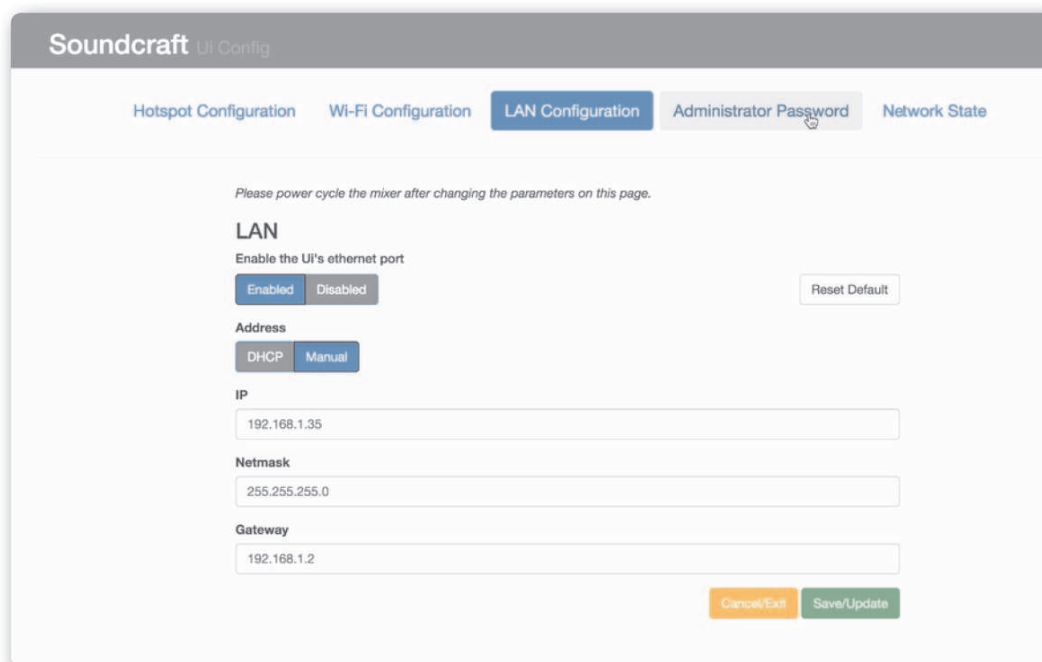
Address

DHCP / Manual

You can choose dynamic IP allocation, in which case the Ui will automatically allocate an IP, Netmask, and Gateway. If you choose Manual IP allocation, you will need to complete these fields yourself. Please refer to your network administrator for manual IP allocation.

SETTINGS > NETWORK CONFIG > LAN

The Ui can connect to an existing wired LAN (Local Area Network) by connection the Ethernet port on the side of the unit. This is the fastest, most secure method of connection to the Ui. Select the LAN Configuration menu in Network Config to edit the LAN settings.



Soundcraft Ui Config

Hotspot Configuration Wi-Fi Configuration **LAN Configuration** Administrator Password Network State

Please power cycle the mixer after changing the parameters on this page.

LAN

Enable the Ui's ethernet port

Address

IP

Netmask

Gateway

Use the Save/Update button to save LAN settings.

IMPORTANT: You must recycle the Ui power (turn the unit off and on) for settings to take effect.

Default Settings

LAN IP: 10.10.2.1

Subnet mask: 255.255.255.0

Direct Connection

Most computers with a GigaBit adapter will AutoNegotiate and so when connected directly to the unit (not via a switch) there will be no need for an Ethernet crossover cable. Use a static IP for the computer, in the same range as the unit, such as 10.10.2.5 and enter the IP address of the unit in the computer's browser.

LAN

Enabled / Disabled

Enable or disable the Ui's Ethernet port.

Address

DHCP / Manual

You can choose dynamic IP allocation, in which case the Ui will automatically allocate an IP, Netmask, and Gateway. If you choose Manual IP allocation, you will need to complete these fields yourself. Please refer to your network administrator for manual IP allocation.

NO SOUND? A TROUBLESHOOTING GUIDE

A Troubleshooting Guide.

One of the most common problems experienced with mixing consoles is finding that an input isn't appearing at an output. There are many possible reasons for this, but the best way to troubleshoot it is to go through the expected signal path and workout where the 'break' is...

It is also important that you double checking all routing, assignments, and Solo / Mute Group status.

You can check the exact audio path of any signal by referring to the input signal path diagram in Section 2.3.

Are Solos inactive?

Check for the yellow 'S' is shown in the Master Channel display or a yellow active solo indicator in the DASHBOARD page, If a channel is soloed then all other channels may be muted.

This shouldn't affect a main Left/Right or Mono output unless the MASTER + HP solo mode is enabled in the SETTINGS.

Clear all active Solos either individually, or by using CLEAR SOLO in the DASHBOARD screen.

Check The input!

The physical input should be correctly connected. The physical input numbers correspond to the input channel numbers in the Ui Control Software.

Is there anything on the meters?

By checking the Input and Output path meters, you should be able to localise a problem to a large extent.

The Input channel metering comes after the Mic/Line input but before the rest of the Input Channel. Therefore, if the input signal is valid, and you have applied enough Gain, you should see a level indication on the input meters.

Output Channel metering is tapped just before the physical output.

Are they 'in phase'?

Phase is only likely to cause an issue if coherent signals are applied to more than one channel and they are both routed the same way. For example, you might be using a test signal, or using two channels for the same signal.

You can check if phase is an issue by switching the Phase (GAIN page) on ONE of those channels. If the audio comes back, then look for the cause of the phase issue - it may be that a balanced connection has been wired incorrectly, for example.

NO SOUND? A TROUBLESHOOTING GUIDE

Is the Gate shut?

It is possible for an incorrectly set Gate process to stop all signal.

This happens most often when the threshold is set too high and the signal never gets loud enough to 'open' the Gate. You can easily check this by bypassing active Gates in the dynamics (DYN) tab of the channel EDIT page.

Are there any active mutes?

The Ui allows you to mute channels individually, via Mute Groups, or via MUTE ALL and MUTE FX buttons the in the DASHBOARD.

Mute Group operation is described in section 6.1.

Is the Fader up?

The channel fader needs to be set high enough when routing to any post-fade destination. If your problem output route is pre-fader, then fader position will have no effect.

Is the Output Master Channel Path valid?

Almost exactly the same checks as above can be done on an output channel (Aux Sends, Master Output).

Run through the same checks as above but for the Output channel.

Is the Physical Output Valid?

Check the connection, and your replay system.

If metering is showing a valid output, it is likely there is a problem at, or after, the physical output.

SYSTEM FAQ

The Ui is not just an audio mixer - it is a WiFi hotspot and a web server, and it runs sophisticated control software for phone and tablet-type devices. The following FAQ addresses any issues you might have with this 'system' aspect of Ui operation.

Q: How do I download the Ui app?

A: The Ui series mixers do not need an app. Simply connect to the your Ui mixer via Wi-Fi from any device (PC, Tablet, Phone). Start an HTML5 Browser (Google Chrome, Mozilla Firefox, Safari, etc.) and type in the following URL into your browser: "ui-mixer.io". From there, choose either the Large interface (PC or tablet) or Small Interface (phones).

Q: Why does my iOS Wi-Fi keep changing to another network when my device goes to sleep?

A: How iOS decides which wireless network to auto-join: <https://support.apple.com/en-us/HT202831>

You can configure your iOS device to automatically join a specific wireless network with a profile. Both Apple Configurator and OS X Server Profile Manager support this option in the user interface. <https://support.apple.com/en-au/HT4989>

Q: The GUI doesn't work on my android device?

A: The Ui web application requires a 'modern' browser that supports HTML5 features like canvas and websockets. Android devices using the stock built in Android browser prior to Version 4.4 do NOT support websockets, and as such will not function. We suggest upgrading your device to a more current version of OS and browser. We also recommend installing and using the Chrome browser which fully supports modern browser features.

Q: How do I operate fullscreen just like an app?

A (iOS): Launch the Safari browser on Apple's iOS and navigate to the website or web page you want to add to your home screen. Tap the Share button on the browser's toolbar — that's the rectangle with an arrow pointing upward. It's on the bar at the top of the screen on an iPad, and on the bar at the bottom of the screen on an iPhone or iPod Touch. Tap the Add to Home Screen icon in the Share menu.

A (Android): Launch Chrome for Android and open the website or web page you want to pin to your home screen. Tap the menu button and tap Add to homescreen. You'll be able to enter a name for the shortcut and then Chrome will add it to your home screen.

The icon will appear on your home screen like any other app shortcut or widget, so you can drag it around and put it wherever you like. Chrome for Android loads the website as a 'web app' when you tap the icon, so it will get its own entry in the app switcher and won't have any browser interface getting in the way.

Other popular Android browsers also offer this feature. For example, Firefox for Android can do this if you tap the menu button, tap the Page option, and tap Add to Home Screen.

A (Windows 8, 8.1, RT): This is obviously most useful on tablets, not on desktop PCs where you don't

SYSTEM FAQ

want to see the Start screen. Navigate to the website you want to pin, pull up the app bar by right-clicking or swiping up from the bottom of your screen and tap the star icon. Tap the pin icon, enter a name for the shortcut, and click Pin to Start. The website will appear as a tile on your Start screen.

A (Windows Phone): Open the website you want to pin in Internet Explorer. Tap the More (...) button and tap Pin to Start in the menu that appears.

Q: Can I charge my USB device from the Ui's USB ports?

A: Yes, the Ui hardware USB ports can be used as a device power source.

Q: Can I connect a more powerful antenna?

A: Sure, the included antenna will suffice for many environments. However it is easily screwed off and can be replaced with a larger, more powerful booster antenna.

Q: How do I reset a Ui mixer?

A: There are several reset modes:

Reset Networking and Admin password only If you have forgotten the admin password, For hotspot or Wi-Fi settings you can simply use the reset button on the left hand side panel. Use a paper clip to hold the reset button down for approximately 10 seconds while you power on the unit. This will initialise the Ui's networking and admin password to the default state.

Reset to the default factory firmware

This method removes all updates you may have performed on the mixer and returns it to the default factory shipping firmware and state. Create a test file named fullreset.txt (no contents necessary) and copy to a USB stick. Insert the USB stick into one of the Ui's USB ports. Use a paper clip to hold the reset button down for approximately 10 seconds while you power on the unit. The Ui will recognise the fullreset.txt file on the USB stick and perform a full factory reset.

Q: How long does the Ui take to bootup?

A: Approximately 20-22 seconds.

Q: How do I update the Ui's firmware?

A:

- 1) Download the Ui update file from the website. The format is: uiupdate-1.0.3434-ui12.zip (leave in zip format)
- 2) Copy the file to a USB media device suitable for connection to a Ui mixers USB port. Note: The file can reside in any directory. Any USB port on the mixer is acceptable.
- 3) Ensure a client device is connected to the Ui mixer GUI
- 4) Connect USB media to the Ui mixer 5/ The GUI display will display that the USB device has been mounted. After the stick has been read (maybe 10 more seconds) the update will be recognised.
- 5) The GUI will prompt you if you would like to update the Ui mixer. Options are Ok/Cancel.
- 6) Select OK to confirm
- 7) The Ui mixer will perform a firmware update

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- 8) The GUI will present a message stating whether the update has been successful or not.
- 9) You must power cycle the unit and reconnect their client device.
- 10) You can now browse to the about page to see the new firmware version information.

Q: How do I attenuate the media player input? It is really hot signal?

A: You can use adjust the Compressor Gain control down -24dB to compensate for the incredibly hot signal that many audio files are mastered at. This adjustment will act like a PAD and allow you additional range on the level fader to operate.

Q: Why are some elements of the GUI semi transparent (greyed out)?

A: A greyed out graphical control element is one that is displayed with a light shade of grey (or semi transparent state), to indicate that it is currently disabled, and cannot be operated or selected by the user. This convention is widely used in graphical user interfaces, to visually indicate which actions cannot be taken in the current situation. This approach makes it possible to disable a control when it cannot be used, and give a clear signal of that state, while maintaining the graphical control element in a consistent location, thereby minimising confusion for the user.

Q: Can I use the same USB stick for playback and recording?

A: For FAST speed USB media devices this will work. For insufficiently fast USB sticks the recorder may skip samples and record crackle.

Q: Why can't I connect after changing the WPA password?

A: When changing network password it is recommended to always forget the corresponding WiFi network connection on clients prior to attempting to rejoin. Certain devices cache network information and do not allow connections after changing the WPA password until network is forgotten on client.

It can sometimes also be beneficial to disable and then enable your WiFi adapter to ensure fresh client network information.

Q: Why do I have lost connections?

When using the mixer in highly populated WiFi environments or extended distance we recommend using a high powered antenna or external router.



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Feature Enhancements:

- 1) Stereo recording for Ui12
- 2) Sync ID - Channel Sync domain between clients
- 3) Support for Microsoft's EDGE browser
- 4) "MOREME" Portrait Mode ON/OFF
- 5) Enable/Disable broadcast of the Ui's hotspot network SSID
- 6) Channel MUTE automatically mutes corresponding Aux send when in PFL mode
- 7) Global Pre-Fade Aux Send Point – Pre-Processing or Post-Processing option
- 8) AFS2 Preset manager
- 9) Network interface MAC address visibility
- 10) Hard Lock (admin/pass) Access Limitations
- 11) Local user GUI settings presets
- 12) Local user GUI settings reset to default
- 13) Keybinding (tablet ver): M mutes AUX\FX SENDS if you are on the AUX\FX SENDS page

1) Stereo recording for Ui12

The stereo recording feature found previously on the Ui16 has now been implemented on the Ui12.

Please refer to SECTION 9 of this manual for more information. All playback and recording functionality as described for the Ui16 is now relevant for the Ui12.

2) Sync ID

Sync ID allows users to maintain channel sync across multiple browser windows/tabs on the same computer/device, across different displays or even between devices.

You can now open multiple GUI windows in any view mode (MIX, EQ, DYN, FX, etc) and maintain channel sync between them once SYNC ID is enabled and set to the same nominal SYNC ID. Selection of a channel on any GUI page will result in all other synced browser windows to update channel sync accordingly.

To enable Sync ID:

- Go to the SETTINGS-->SETTINGS tab page
- Set the SYNC SELECTED CHANNEL option to "ON"
- Click/tap in the "SYNC ID:" field and set an ID of your choice. Eg. "Your Name"
- Open another GUI on another device, browser tab, etc. Enable SYNC SELECTED CHANNEL and ensure it's SYNC ID: is configured to the same nominal ID you chose on the first GUI.

You can now have different views on each of your tabs or devices that will remain in channel sync. Note that multiple SYNC ID's can run concurrently on the Ui mixer.

3) Support for Microsoft's EDGE browser

The Ui web application has been updated to support Microsoft's latest EDGE browser. We will endeavour to maintain support as the browser develops.



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4) **“MOREME” Portrait Mode ON/OFF**

It is now possible to define whether MOREME is displayed automatically in portrait mode on devices offering orientation support. Some users prefer to operate fader view pages (MIX, AUX, FX) in portrait display orientation so the faders are “long throw”.

MOREME Modes:

MOREME ON - Portrait mode orientation will automatically display the MOREME page

MOREME OFF - Portrait mode orientation will display the regular GUI with extended faders. Some features of the GUI display will be “grayed out” and restricted from view due to the dimension limitations.

Changing the MOREME Mode:

- Go to the SETTINGS-->SETTINGS tab page
- Set the MOREME PORTRAIT MODE option to ON/OFF

5) **Enable/Disable broadcast of the Ui’s hotspot network SSID**

There is now an option to enable or disable the broadcasting of the Ui networks hotspot SSID.

To enable/disable broadcast of the Ui’s hotspot SSID:

- Go to the SETTINGS-->NETWORK tab page
- Select CONFIG (you may need to login with your Admin credentials, The default is admin/admin)
- Select HOTSPOT CONFIGURATION
- Set the SSID BROADCAST option to ENABLED or DISABLED
- Restart the Ui mixer for settings to take effect.

6) **Channel MUTE automatically mute Auxes in PFL mode**

When muting a channel on the MIX page it’s corresponding AUX send will automatically mute if the Aux channel mode is set to PFL.

AUX sends in POST mode remain unchanged.

7) **Global Pre-Fade Aux Send Point – Pre-Processing or Post-Processing**

The AUX send signal can now be defined globally as Pre-Processing or Post Processing.

Pre-Processing - The AUX send signal does not include any EQ/DYNAMICS that has been applied to the channel

Post-Processing - The AUX send signal includes any EQ/DYNAMICS that has been applied to the channel

Setting the GLOBAL AUX SEND POINT:

- Go to SETTINGS--SETTINGS tab page
- Set the GLOBAL AUX SEND POINT option to PRE PROCESSING or POST PROCESSING



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8) AFS2 Preset manager

AFS2 settings are no longer saved in a SNAPSHOT /SHOW.

AFS2 now has a dedicated preset manager whereby users LOAD/SAVE/RENAME/DELETE AFS2 presets to connected USB media.

To load/save/rename/delete AFS2 PRESETS:

- Go to any AUX or the MASTER EQ edit page
- Click/tap the AFS2 SETUP button
- Click/tap on the PRESETS button found in the middle of the AFS2 filter display modal
- Use the PRESETS manager to LOAD/SAVE/RENAME/DELETE AFS2 presets to connected USB media

9) Network interface MAC Address visibility

Network interface MAC addresses are now displayed in the web application GUI.

To view network interface MAC addresses:

- Go to the SETTINGS-->NETWORK tab page
- MAC addresses of active interfaces are displayed in the network details list of each interface

10) Hard Lock (admin/pass) Access Limitations

A master password protection access limitation feature has been designed to allow a user logged in with a master password the ability to define a wide range of mixer access limitations for other connected users (without knowledge of the password. ie not logged in).

Enabling MASTER PASSWORD PROTECTION:

- Go to SETTINGS-->ACCESS tab page
- Select the ENABLE button
- Set a master password of your choice to enable MASTER PASSWORD PROTECTION

Note: Enabling MASTER PASSWORD PROTECTION will automatically log a user in.

Disabling MASTER PASSWORD PROTECTION:

- Go to SETTINGS-->ACCESS tab page
- Select the DISABLE button
- Enter the master password to disable MASTER PASSWORD PROTECTION

Login in and configuring ALLOW CLIENT ACCESS FOR:

A logged in user can define GLOBAL client access limitations for non logged in users by allowing access to certain parts of the mixer as defined below:

AUX LEVELS - AUX PROCESSING - MIX LEVELS - MIX PROCESSING - MIX GAIN - PLAYER - MASTER LEVEL - MASTER PROCESSING - SHOWS - GLOBAL SETTINGS



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AUX levels include:

- Aux Levels
- Aux send Mute
- Aux master Mute
- Aux Pre/Post
- Aux Pan if stereo linked
- Copy mix

AUX Processing include:

- EQ, DYN
- AFS2

MIX levels include:

- input channel, Line L/R, FX masters, SG's Levels
- input channel, Line L/R, FX masters, SG's channel Pan
- input channel, Line L/R, FX masters, SG's channel Mutes (including Mute Groups)

MIX processing include:

Input channels, Line L/R, FX masters, SG's should include:

- (Digitech for CH 1/2) EQ, DYN, FX Send (including FX send Mute)

NOTE: Hi-Z for CH1/2 can only be configured by a logged in user

MIX gain include:

Input channel gain, Phantom Power, Phase, Hi-Z

Player include:

- All features of the media player/recorder
- All level, Pan, Mute, processing (EQ, DYN, FX Send)

MASTER level include:

- Master Level
- Master Balance

MASTER processing include:

- Master EQ, DYN
- Master AFS2

SHOWS include:

- LOAD/SAVE/RENAME/DELETE of Snapshots
- LOAD/NEW/RENAME/IMPORT/EXPORT/DELETE of Shows
- MIXER RESET
- CHANNEL SAFES

GLOBAL SETTINGS include:

- All Global settings as defined on the SETTINGS-->SETTINGS tab-->GLOBAL options list
- This includes such option as Headphone out mode, Solo routing, Solo mode, etc.

NOTE: Solo, Mute FX, and Mute All are only available to a logged in user.



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LOCAL AUX CONTROL (SOFT ACCESS ENABLER)

A local client soft access enabler for AUX control is provided for non logged in users. The user can define which AUX's they want to control if the master pass user has allowed access for either AUX LEVELS or AUX PROCESSING.

Resetting a lost MASTER PASSWORD:

To reset a lost master password the user can connect a USB drive with an empty file named masterpass.txt (top directory) and power cycle the unit with the RESET button on the side of the unit depressed. Hold the RESET button depressed state until the blue WiFi led on the top pannel stops flashing. The Master Password will be reset.

11) Local user GUI presets

Local client side user settings can now be save/loaded as presets to connected media. This allows users to change devices with ease, taking their predefined local user presets with them, without having to set up their GUI every time they change devices!

Local client side GUI settings can be found in the SETTINGS-->SETTINGS tab page, under LOCAL. GUI options relating to a users client side application such as Pinning the slide out panel, Hiding the Comp/Gate, 1 or 2 finger scroll, MOREME portrait mode, etc can now be saved as a LOCAL SETTINGS PRESET.

To load/save/rename/delete LOCAL SETTINGS PRESETS:

- Go to the SETTINGS-->SETTINGS tab page
- Scroll down and click/tap the LOCAL SETTINGS PRESETS button
- Use the PRESETS manager to LOAD/SAVE/RENAME/DELETE your LOCAL SETTINGS PRESETS to connected USB media

12) Local user GUI reset to default

Local client side user settings can now be reset to default values.

To reset LOCAL SETTINGS to default value:

- Go to the SETTINGS-->SETTINGS tab page
- Scroll down and click/tap the RESET LOCAL SETTINGS button
- Local GUI settings will now be reset to default values and the GUI will be restarted automatically

13) Key Command (tablet version): "M" mutes AUX\FX SENDS if you are on the AUX\FX SENDS page

The key command "M" is now recognised when the user is on the AUX or FX Sends page and triggers the Aux send mute or FX send mute respectively.



Firmware Update Build 1.0.5763

Feature Enhancements:

- 1) Tablet: Hold fader for fine tuning
- 2) Tablet: Manual data entry
- 3) Tablet: Mute FX/All for player page
- 4) Tablet: F1/F2 Next and Previous snapshot functions
- 5) Tablet: Pedal footswitch PLAYER play/record functions
- 6) Tablet/Phone: Aux Send mute inheritance
- 7) Tablet/Phone: Stereo/unlink L/R Master DYN
- 8) Tablet/Phone: Player list font changed for language support

1) Tablet: Hold fader for fine tuning

This function allows users to adjust Mix, Gain, Aux Send, FX send, and the Master fader (unlocked mode only) values with finer resolution.

SETTINGS->LOCAL-> HOLD FADER FOR FINE TUNING OFF/ON

OFF - Normal fader adjustment mode

ON - Long click/hold on a fader cap. The fader will glow indicating FINE TUNING mode. Adjust up and down with finer resolution.

Notes: Master fader in “locked mode” does not allow for FINE TUNING mode as a long click/hold on master fader cap simply unlocks the fader for adjustment in normal mode. FINE TUNING mode functions as expected for the master fader when unlocked. ie *SETTINGS->LOCAL-> MASTER LOCK “OFF”*

2) Tablet: Manual data entry

Manual data value entry is now available for most non edit faders (All Mix/Gain, Aux Sends, FX Sends)

Long click/hold on the channels virtual LCD dB display value to open a modal for manual data entry.

Long click/hold also triggers data entry modal for:

- EDIT->FX SENDS->DELAY TAP icon for BPM value.
- SLIDEOUT->TAP TEMPO button for BPM value.

3) Tablet: Mute FX/ALL for player page

The Tablet version of the Ui application now offers a MUTE FX and MUTE ALL button next to the CUE button near the right corner of the GUI.

This feature allows users who like to reside on the player page have easy access to MUTE function variations without having to jump between application views.

4) Tablet: F1/2 Next and Previous snapshot functions

Additional NEXT SNAPSHOT and PREVIOUS SNAPSHOT function options have been added to the F1 and F2 function button options.

SETTINGS->BUTTON FUNCTION-> F1 / F2 “NEXT SNAPSHOT” / “PREVIOUS SNAPSHOT”

When assigned to ether F1 or F2 buttons:

NEXT SNAPSHOT = F1/2 button loads the NEXT SNAPSHOT in the currently active SHOW

PREVIOUS SNAPSHOT = F1/2 loads the PREVIOUS SNAPSHOT in the currently active SHOW



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5) **Tablet: Pedal footswitch PLAYER play/record functions**

SETTINGS->PEDAL FUNCTION->PLAY

This function allows the user to use a physical footswitch pedal connected to the side panel of the Ui mixer to control the Ui PLAYER PLAY/STOP function. It toggles the PLAY / STOP function for tracks in the active PLAYLIST.

SETTINGS->PEDAL FUNCTION->RECORD

This function allows the user to use a physical footswitch pedal connected to the side panel of the Ui mixer to control the Ui PLAYER RECORD/STOP function.

Note: The Ui PLAYER must already have at least one actively selected TRACK highlighted in the GUI for this function to operate the PLAY/STOP function successfully. The mixer needs to know which PLAYLIST you would like to start in!

6) **Tablet/Phone: Aux Send mute inheritance**

SETTINGS->GLOBAL->AUX SEND MUTE INHERITANCE OFF/ON

This allows the Aux Send MUTE to inherit or not inherit the mute status of the corresponding mix channel.

ON - Channel send mute will follow the mix channel mute status when the send is in PRE or POST mode.

OFF - Channel send mute will only follow mix channel mute status in POST mode.

7) **Tablet/Phone: Stereo/unlink L/R Master DYN**

Master DYN can now be stereo linked and unlinked just like the Master EQ. Presets allow for saving/recall of either state Stereo or Mono.

Click on the Stereo Link icon to link and link the Dynamics. Subsequent clicking on the Left or Right indicators allows adjustment of independent dynamic parameters for the Left and Right channel of the stereo master output.

8) **Tablet/Phone: Player list font changed for language support**

Our player list font has now been updated to assist in supporting additional languages with unique character sets. This now allows for better display and alphabetic ordering etc.