Roland

LIVE MIXING CONSOLE M-300

Version 1.5 Owner's Manual Addendum

This document describes the features that have been added in this update.
In order to fully understand the M-300's new features, please read this document together with the Owner's Manual for the M-300.

1PS

Functionality added in version 1.5

The functions below have been added from the version 1.5 system software of the M-300.

✔ **Wireless LAN function has been newly added (p. 3)**

✔ **31-band GEQ has been newly added. (p. 12)**

✔ **Following new presets have been added to the Effect Library.**

No.	Name	Type
P016	Small Hall	REVERB+GATE
P017	Med Hall	REVERB+GATE
P018	Large Hall	REVERB+GATE
P019	Concert Hall	REVERB+GATE
P031	Small Room	REVERB+GATE
P032	Med Room	REVERB+GATE
P033	Large Room	REVERB+GATE

✔ **New functionality has been added to scene memory.**

•Fade function. (p. 18)

•Detailed settings for the Recall Filter function. (p. 19)

✔ **New functionality has been added for monitoring (p. 21).**

•Dimmer function

•Prohibition of operation from the LEVEL knobs in the top panel's MONITOR section.

✔ **CHANNEL DISPLAY screen has been added for DCA groups (p. 23).**

✔ **New functionality has been added for User Settings (p. 26).**

•Always starts up with GUEST mode.

•Prohibition of specified operations.

✔ **The following RS-232C commands have been added.**

For more information, refer to "V-Mixer RS-232C Reference".

•Control Commands

- Monitor dimmer on/off
- USB memory recorder transport
- USB memory recorder locate
- Song select

•Request Commands

- Monitor dimmer request
- USB memory recorder status request
- USB memory recorder current position request
- Song number request
- Song name request
- Recording remain time request

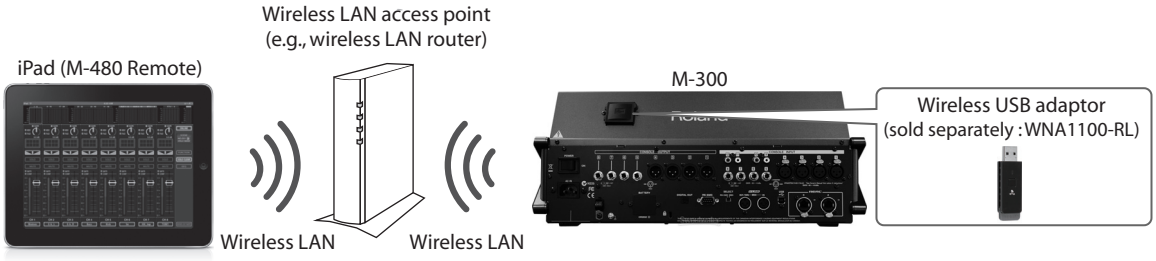
✔ **DCA group operation via MIDI control change message has been added.**

For more information, refer to "M-300 MIDI Implementation".

About the Wireless LAN Function

What is Wireless LAN Function?

By inserting the wireless USB Adapter (WNA1100-RL; sold separately) into the M-300's USB MEMORY port, you will be able to use wireless-compatible applications (such as the "M-300 Remote" iPad app).



Items required to use the wireless LAN function

- Wireless USB Adapter (sold separately: WNA1100-RL)
- Wireless LAN access point (e.g., wireless LAN router. Not required if using in ad-hoc mode.)
- iPad with M-300 Remote app loaded.

NOTE

You cannot connect multiple iPad units simultaneously.

Cautions About Wireless LAN Access Point

- The wireless LAN access point you use should support WPS.
- If your wireless LAN access point does not support WPS, you can connect using the procedure described in "Connecting to a Wireless LAN Access Point That You Select" (p. 8).
- The ability to connect with any wireless LAN access points is not guaranteed.
- If you are unable to connect to the wireless LAN access point, try connecting using Ad-Hoc mode (p. 9).

Caution About M-300 RCS

While the wireless LAN function is enabled, it is not possible to connect with the M-300 RCS. The wireless LAN function is enabled if "Enable Wireless LAN" is checked in the system setup screen (p. 5). If you are connecting the M-300 RCS, make sure the wireless LAN function is disabled.

Basic Connection Method

The first time you connect the M-300 to a wireless network, you will need to perform the following procedure (WPS) to join the wireless network.

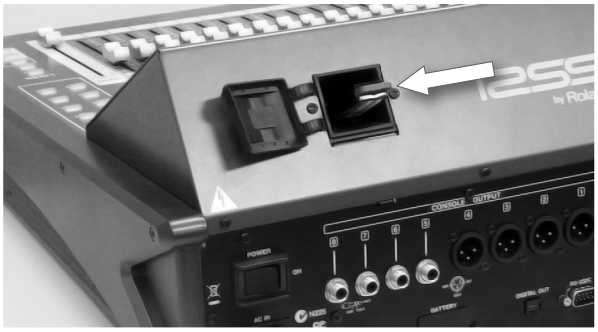
* This procedure is required only once. Once you have joined the network, this procedure will no longer be necessary.

What is WPS?

WPS is a standard that makes it easy to make security settings when connecting to a wireless LAN access point. We recommend that you use WPS when connecting to a wireless LAN access point.

1. Connect WNA1100-RL

Insert the wireless USB Adaptor (WNA1100-RL; sold separately) into the M-300's USB MEMORY port.



2. Call up the SYSTEM screen

Press [SYSTEM] button in SETUP section to call up the SYSTEM screen.

3. Call up the REMOTE popup

Press the [F4 (REMOTE)] to call up the REMOTE popup.

4. Open the WIRELESS LAN tab

Press [F6 (WIRELESS LAN)] to open WIRELESS LAN tab.

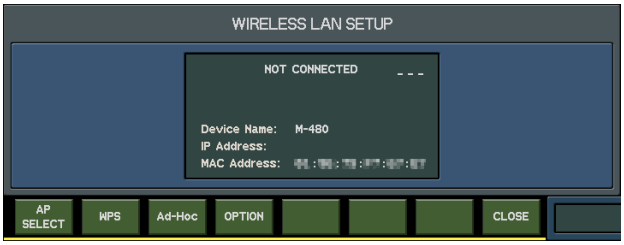
5. Enable the wireless LAN function

Use cursor buttons and [ENTER] to check the “Enable Wireless LAN”.

* You can only use the wireless LAN function when the “Enable Wireless LAN” is checked.

6. Call up the WIRELESS LAN SETUP popup

Move the cursor to the SETUP button and press [ENTER]. You can call up the WIRELESS LAN SETUP popup.



7. Call up the WPS popup

Press [F2 (WPS)] to call up the WPS popup.

8. Set your wireless LAN access point to operate in WPS mode

For example, press the [WPS] button on your wireless LAN access point.

* For details on WPS operation, refer to the documentation for your wireless LAN access point.

9. Connect the M-300 to the Wireless LAN

Press [F8 (OK)] on the M-300. When it is successfully connected, the “CONNECTED” message appears in the WIRELESS LAN SETUP popup.

* The connection data is stored in memory when you perform the WPS procedure; the device will automatically connect to the wireless network the next time.

NOTE

Be careful of the following points when you perform wireless LAN connection.

- The device (iPad) running the app must be connected to the same network.
- All connection data will be erased if you perform a factory reset or replace the internal lithium battery.
- The project file saved to the USB memory does not contain the connection data.

Wireless LAN Function Settings

You can check or alter the wireless settings using the steps below.

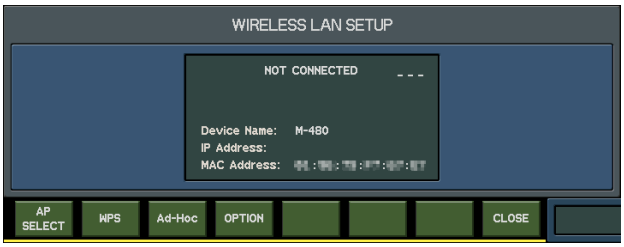
1. Call up the REMOTE popup (WIRELESS LAN tab)

Press [SYSTEM] > [F4 (REMOTE)] > [F6 (WIRELESS LAN)]. You can call up the REMOTE popup (WIRELESS LAN tab).

* You can only use the wireless LAN function when the "Enable Wireless LAN" is checked.

2. Call up the WIRELESS LAN SETUP popup

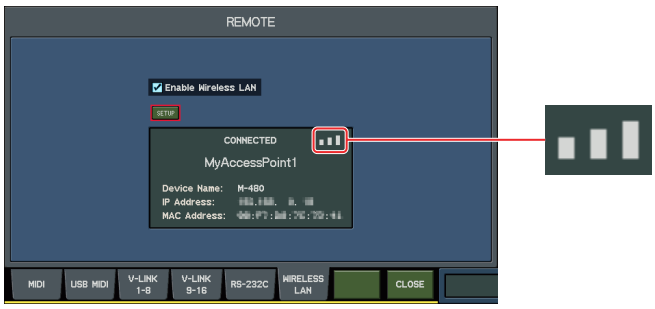
Move the cursor to the SETUP button and press [ENTER] to call up the WIRELESS LAN SETUP popup.



About the Status Display

- CONNECTED
  The M-300 is connected to the wireless LAN access point. This part also shows the ID (name) of the access point.
- NOT CONNECTED
  Although the wireless USB adaptor is connected, the M-300 is not connected to the wireless LAN access point.
- NOT AVAILABLE
  The wireless USB adaptor is not connected.
- AD-HOC MODE
  The unit is in Ad-Hoc mode. Refer to "Connecting in Ad-Hoc Mode" (p. 9).
- DISABLE
  The wireless LAN function is disabled. The "Enable Wireless LAN" is not checked.

About the Wireless LAN Status Icons



The M-300 is connected to the wireless LAN access point. This indicates the signal level with 3 bars.

Although the wireless USB adaptor is connected, the M-300 is not connected to the wireless LAN access point.

The wireless USB adaptor is not connected (nothing is displayed).

The unit is in Ad-Hoc mode (p. 9).

About the Other Displays

- Device Name: This displays the device name of this unit that is shown on the application connected via wireless LAN.
- IP Address: This displays the current IP address.
- MAC Address: This displays the MAC address of the wireless USB adaptor.

MEMO

The MAC address indicated on the bottom of the wireless USB adapter (WNA1100-RL; sold separately).

Connecting to a Wireless LAN Access Point That You Select (Access Point Select)

This method lets you connect by choosing a wireless LAN access point from the list that is displayed.

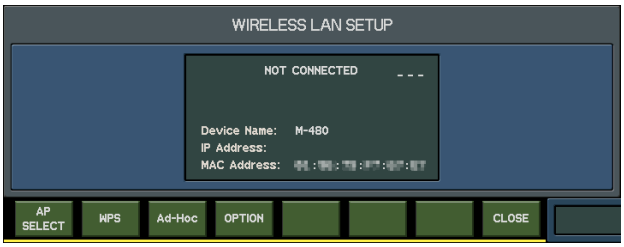
* Wireless standards 802.11g/n (2.4 GHz) and authentication methods WPA/WPA2 are supported.

1. Call up the REMOTE popup (WIRELESS LAN tab)

Press [SYSTEM] > [F4 (REMOTE)] > [F6 (WIRELESS LAN)] to call up the REMOTE popup (WIRELESS LAN tab).

2. Call up the WIRELESS LAN SETUP popup.

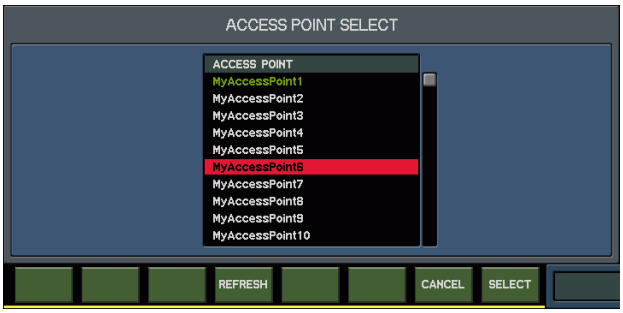
Move cursor to the SETUP button and [ENTER] to call up the WIRELESS LAN SETUP popup.



3. Call up the ACCESS POINT SELECT popup

Press [F1 (AP SELECT)] to call up the ACCESS POINT SELECT.

* The currently selected access point is shown in green.
* Press [F4 (REFRESH)] to update the list.



NOTE

Characters other than single-byte alphanumerics cannot be displayed correctly in the list of access point names.

4. Select the access point

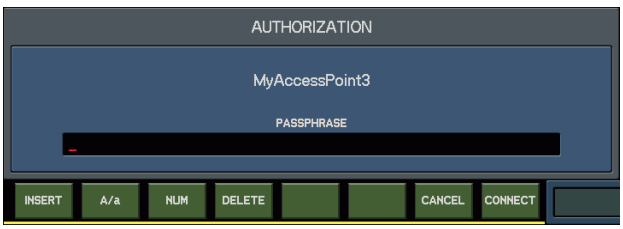
Select the wireless LAN access point that you want to connect to and press [F8 (SELECT)].The unit will start to connect with the selected access point.

* If you are using this wireless LAN access point for the first time, you will proceed to the authorization (PASS) screen.
* If this is a wireless LAN access point that you have connected to in the past, just press the [F8 (SELECT)] button.

5. Input the security information

Input the security information of the wireless LAN access point (Passphrase) and press [F8 (CONNECT)].

* For details of character input, refer to the owner's manual of the M-300.
* You cannot input any blank space after the Passphrase.



Connecting in Ad-Hoc Mode

What is Ad-Hoc mode?

Ad-Hoc mode lets you connect the M-300 directly to an iPad without using a wireless LAN access point. This is a convenient way to use the M-300 with an iPad if you are in a location where the wireless LAN access point you normally use is unavailable.

Limitation of Ad-Hoc Mode

The antenna in the Wireless USB adaptor is not as powerful as a typical LAN access point. Therefore using a LAN access point gives the most robust connection.

The iPad connected in Ad-Hoc mode will be unable to communicate with the Internet or with another wireless device. However, an iPad that has cellular capability will be able to connect to the Internet via the cellular connection.

NOTE

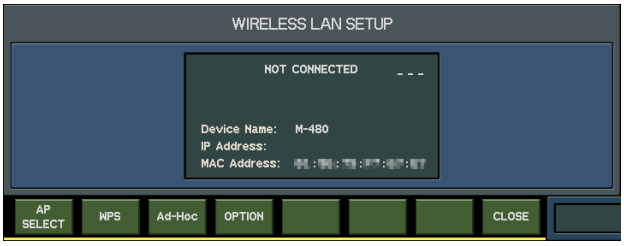
Please be aware that if you use a cellular connection for Internet connectivity, you may incur costs depending on your rate plan.

1. Call up the REMOTE popup (WIRELESS LAN tab)

Press [SYSTEM] > [F4 (REMOTE)] > [F6 (WIRELESS LAN)] to call up the REMOTE popup (WIRELESS LAN tab).

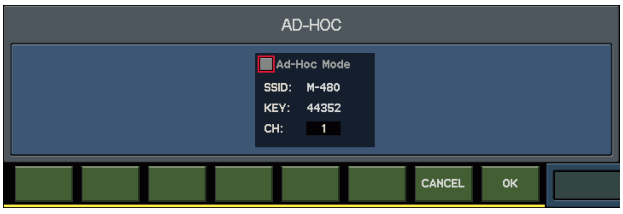
2. Call up the WIRELESS LAN SETUP popup

Move the cursor to the SETUP button and press [ENTER] to call up the WIRELESS LAN SETUP popup.



3. Call up the AD-HOC popup

Press [F3 (Ad-Hoc)] to call up the AD-HOC popup.



4. Enable the Ad-Hoc mode

Check "Ad-Hoc Mode" to enable it. You can set Ad-Hoc mode channels in [CH]. Normally, switching the channel is not necessary. Switch the channel if you cannot connect with the current channel.

* Regarding various parameters in this screen, refer to "About Parameters" on next page.

5. Close the AD-HOC popup

Press [F8 (OK)] to finalize the settings and close the popup.

6. Set the Ad-Hoc SSID

On your iPad, Select the Ad-Hoc SSID shown on the AD-HOC popup.

Example: on iPad, choose [Settings] > [Wi-Fi] > [Choose a Network] to select the Ad-Hoc SSID. A password entry screen will appear; enter the above Ad-Hoc key.

* For details on how to connect to a wireless LAN from an iPad, refer to the iPad owner's manual.

MEMO

When you have finished the Ad-Hoc mode connection, restore the iPad settings in [Settings] > [Wi-Fi] > [Choose a Network] to their previous state.

About the Parameters

- Ad-Hoc Mode
  Check this to turn on the Ad-Hoc mode.
- SSID
  This displays the Ad-Hoc SSID. Ad-Hoc SSID is specified by the value you have set in the [Wireless ID] of the WIRELESS LAN OPTIOIN popup.
- KEY
  This displays the Ad-Hoc Key (5 characters).
- CH
  This sets the Ad-Hoc mode channel (1 - 11).

Wireless ID Setting

1. Call up the REMOTE popup (WIRELESS LAN tab)

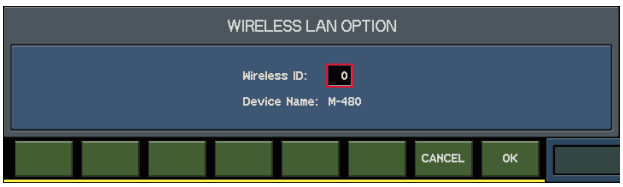
Press [SYSTEM] > [F4 (REMOTE)] > [F6 (WIRELESS LAN)] to call up the REMOTE popup (WIRELESS LAN tab)

2. Call up the WIRELESS LAN SETUP popup

Move the cursor to [SETUP] button and press [ENTER] to call up the WIRELESS LAN SETUP popup.

3. Call up the WIRELESS LAN OPTION popup

Press [F4 (OPTION)] to call up the WIRELESS LAN OPTION popup.



4. Set the wireless ID

You can set the device name of this unit or the final character of the Ad-Hoc SSID to be shown on the connected application. Normally, it should be "0". However, if you are using multiple M-300 units, you can select the wireless ID from 1 to 99. The corresponding wireless ID and the device ID/Ad-Hoc SSID are as below.

"M-300" (default) when the Wireless ID=0

"M-300-1" when the Wireless ID=1

:

"M-300-99" when the Wireless ID=99

NOTE

If you change the Wireless ID, the connection with application (M-300 Remote) is terminated temporarily.

5. Close the popup

Press [F8 (OK)] to finalize the settings and close the popup.

Troubleshooting

* For problems related to communication, refer also to the owner's manual of your wireless LAN access point.
* For details on operating your wireless LAN access point, refer to its owner's manual.

Cannot connect to a wireless LAN access point

The M-300 displays "Could not make the wireless connection".

- Make sure that your wireless LAN access point supports WPS.
- If your wireless LAN access point does not support WPS, you can connect using the procedure described in "Connecting to a Wireless LAN Access Point That You Select" (p. 8).
- The 802.11a/b wireless standard is not supported. Please use the 802.11g/n (2.4 GHz) wireless standard.
- The WEP authentication method is not supported. Please use the WPA or WPA2 authentication method.
- Make sure that DHCP is enabled for your wireless LAN access point.
- If you cannot get connected to the previously-connected wireless LAN access point when you turn on the unit, check and make sure the setting described in "Connecting in Ad-Hoc mode" (p. 9) is OFF.
- The connection might not occur successfully due to the state of the radio signal. If so, use the procedure described in "Connecting to a Wireless LAN Access Point That You Select" (p. 8), and select your wireless LAN access point and reconnect.
- There is a limit to the amount of connection data that can be remembered. Making a new connection may cause older connection data to be deleted.
- All connection data will be deleted if you execute a factory reset. If the connection data has been deleted, please re-connect to the wireless LAN access point.
- The project file that is saved to the USB memory does not contain connection data. Please re-connect to the wireless LAN access point.

The M-300 displays "This Access Point is not supported" and cannot connect to the access point.

This Access Point is not supported. Please use the WPA or WPA2 authentication method.

Communication is unstable

Communication may be unstable depending on the of the radio signal status. If communication is unstable, the response may be sluggish. The following actions may improve the situation.

- Move the wireless LAN access point and the M-300 unit closer to each other.
- Change the channel setting of the wireless LAN access point.

The M-300 is not found in the application (M-300 Remote)

- Is the M-300 powered up?
- Is the wireless USB adapter (WNA1100-RL) properly connected to the M-300?
- Is "Enable Wireless LAN" in REMOTE popup (WIRELESS LAN tab) checked?
- Is the M-300 connected to the wireless LAN?
- Are the M-300 and the iPad connected to the same network (same wireless LAN access point)?
- Is the wireless LAN access point set to allow communication between wireless LAN devices?

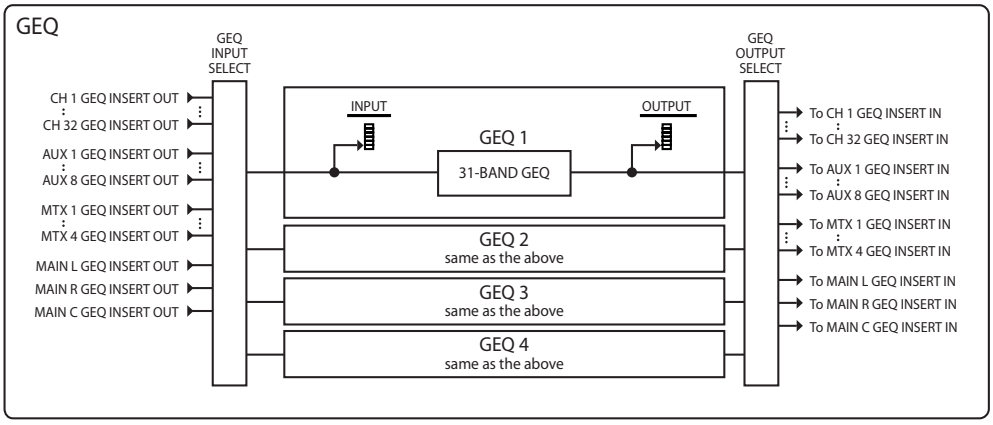
* For details on settings, refer to the owner's manual of your wireless LAN access point.

Cannot connect the iPad to the internet

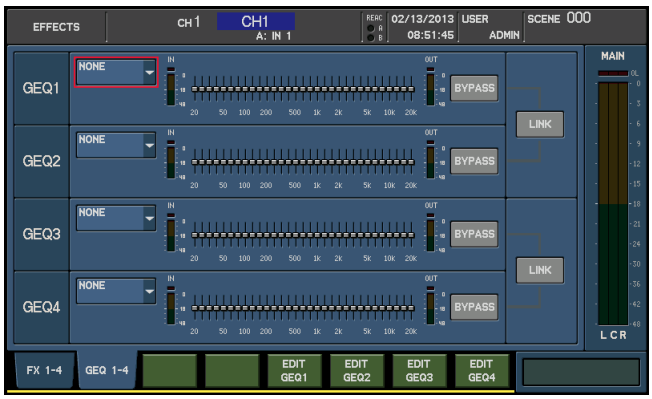
- Is the wireless LAN access point connected to the Internet?
- Could you be connected in Ad-Hoc mode?
  The iPad or other wireless device connected in Ad-Hoc mode will be unable to communicate with the Internet or with another wireless device. However, an iPad or other wireless device that has cellular capability will be able to connect to the Internet via the cellular connection.

About the 31-band GEQ

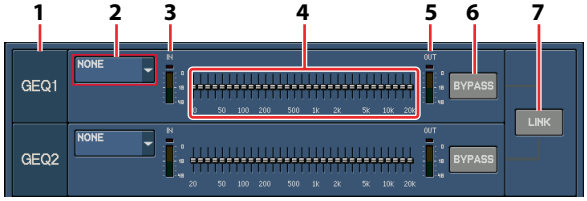
The M-300 provides four 31-band GEQ processors, GEQ1-GEQ4.
You can insert a 31-band GEQ processor into the CH1-32, AUX 1-8, MTX 1-4 or MAIN L/C/R.



GEQ 1-4 tab



This shows GEQ1-GEQ4. This area is organized as follows.



1. **GEQ number indication**

   This indicates the GEQ number.

2. **GEQ INSERT SELECT popup button**

   This selects the channel into which the GEQ will be inserted. The selected channel is shown on the button. When you move the cursor to the button and press [ENTER], the GEQ INSERT SELECT popup will appear.

3. **IN meter**

   This indicates the level of the signal being input to the GEQ.

4. **GEQ fader indication**

   This indicates the state of the GEQ. The GEQ cannot be operated in this screen.

5. **OUT meter**

   This indicates the level of the signal being output from the GEQ.

6. **BYPASS button**

   This bypasses the GEQ. If this is on, the GEQ will be bypassed and the input signal will be output without modification.

7. LINK button

This links adjacent odd-numbered and even-numbered GEQ processors. If they are linked, the GEQ settings will be identical.

MEMO

When you activate LINK, the odd-numbered unit's settings will be applied to the even-numbered processor.

About the Function Buttons

The function buttons specific to the GEQ 1-4 tab have the following operations.

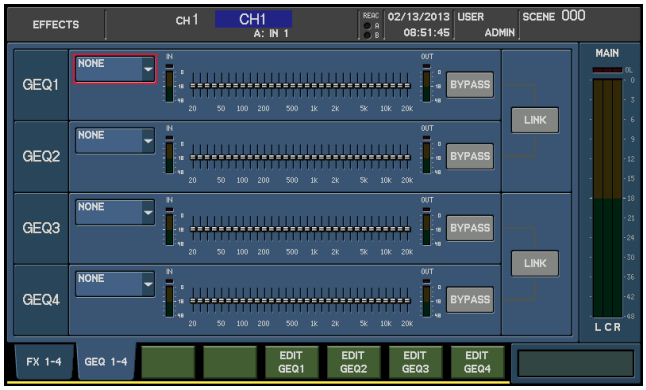
- [F5 (EDIT GEQ1)] Press this to access the GEQ EDIT popup for GEQ1. (p. 15)
- [F6 (EDIT GEQ2)] Press this to access the GEQ EDIT popup for GEQ2. (p. 15)
- [F7 (EDIT GEQ3)] Press this to access the GEQ EDIT popup for GEQ3. (p. 15)
- [F8 (EDIT GEQ4)] Press this to access the GEQ EDIT popup for GEQ4. (p. 15)

Inserting a 31-band GEQ

Use the GEQ INSERT SELECT popup to select the destination into which you want to insert a 31-band GEQ.

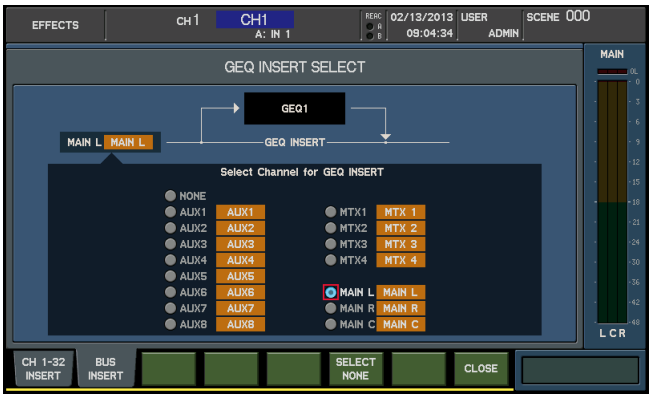
Accessing the GEQ INSERT SELECT popup

1. Access the EFFECTS screen, and press [F2 (GEQ 1-4)] to display the GEQ 1-4 tab.



2. Move the cursor to the GEQ INSERT SELECT popup button for the desired GEQ, and press [ENTER].

The GEQ INSERT SELECT popup will appear.



A. Applicable GEQ indication

This indicates the GEQ to which the GEQ INSERT SELECT popup applies.

B. Insert-destination channel select buttons

These buttons select the channel into which the GEQ will be inserted.

C. Current insert destination indication

This indicates the current insert destination.

About the Function Buttons

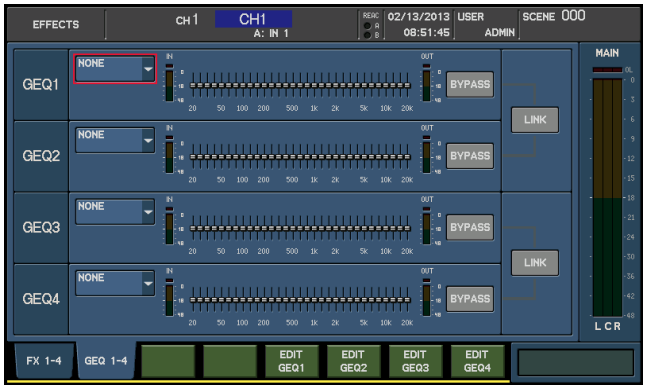
In the GEQ INSERT SELECT popup, the function buttons perform the following operations.

- [F6 (SELECT NONE)] This clears the insert-destination selection.
- [F8 (CLOSE)] This closes the popup.

Inserting the 31-band GEQ to MAIN L/R

This section describes the procedure for inserting linked GEQ1 and GEQ2 into the MAIN L/R channels.

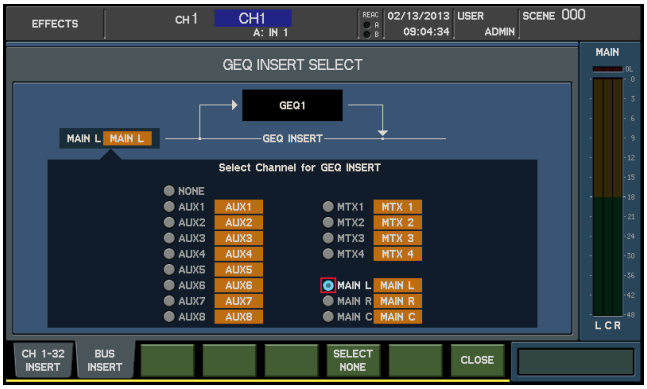
1. Access the EFFECTS screen, and press [F2 (GEQ 1-4)] to display the GEQ 1-4 tab.



2. Move the cursor to the LINK button located at the right of GEQ1 and GEQ2, and press [ENTER] to turn the button on.

3. Move the cursor to the GEQ INSERT SELECT popup button for GEQ1, and press [ENTER].

The GEQ INSERT SELECT popup will appear.



4. Move the cursor to the MAIN L insert-destination channel select button, and press [ENTER] to select it.

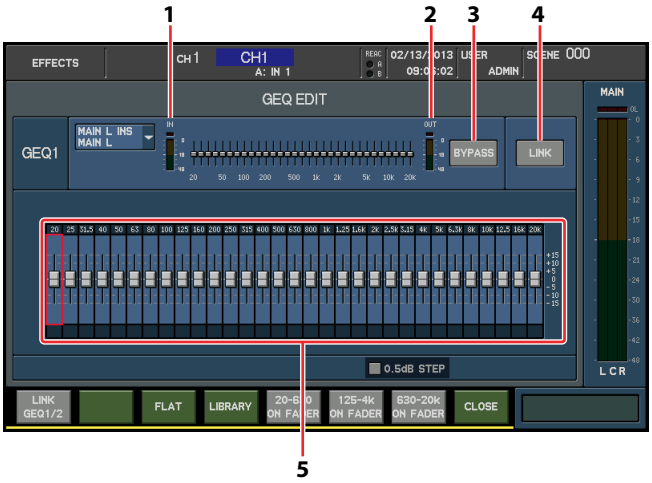
5. Press [F8 (CLOSE)] to close the popup.

6. In the same way as you did in steps 1 through 5, select MAIN R as the insert destination for GEQ2.

Editing the 31-band GEQ parameters

The GEQ EDIT popup is used to edit the 31-band GEQ.

GEQ EDIT popup



1. IN meter

This indicates the level of the signal input to the GEQ.

2. OUT meter

This indicates the level of the signal output from the GEQ.

3. BYPASS button

This bypasses the GEQ. If this is on, the GEQ will be bypassed, and the input signal will be output without change.

MEMO

You can also configure a USER button to be a switch for the Bypass On/Off.

4. LINK button

This links adjacent odd-numbered and even-numbered GEQ units. If units are linked, their GEQ settings will be identical.

5. GEQ faders

For each frequency band, these adjust the amount of boost or cut in a range of -15.0 dB - +15.0 dB. The value of the fader you operate is shown in the sub-display area.

MEMO

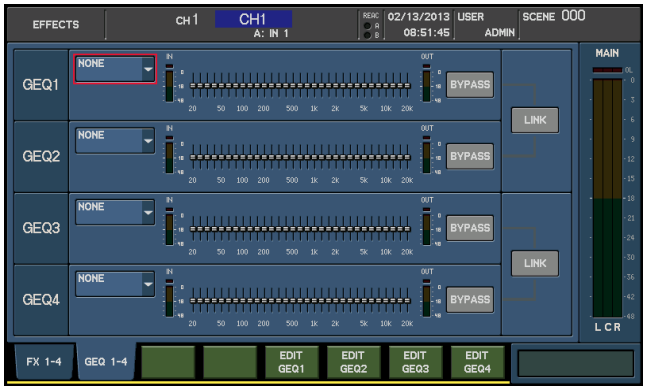
Minor noise may sometimes occur while you adjust the GEQ faders, but this is not a malfunction.

About the Function Buttons

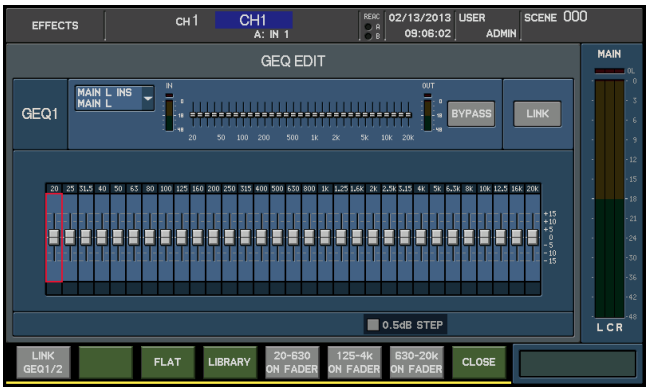
- [F3(FLAT)] This makes the 31-band GEQ settings to flat.
- [F4(LIBRARY)] This calls up the GEQ LIBRARY popup (p. 17).
- [F5(20-630 ON FADER)] Press this to operate 20Hz - 630Hz band using the top panel faders.
- [F6(125-4k ON FADER)] Press this to operate 125Hz - 4kHz band using the top panel faders.
- [F7(630-20k ON FADER)] Press this to operate 630Hz - 20kHz band using the top panel faders.
- [F8(CLOSE)] This closes the popup.

Accessing the GEQ EDIT popup

1. Access the EFFECTS screen, and press [F2 (GEQ1 - 4)] to access the GEQ 1 - 4 tabs.



2. Press [F5 (EDIT GEQ1)] - [F8 (EDIT GEQ4)] depending on the GEQ you want to use.



The GEQ EDIT popup will appear.

MEMO

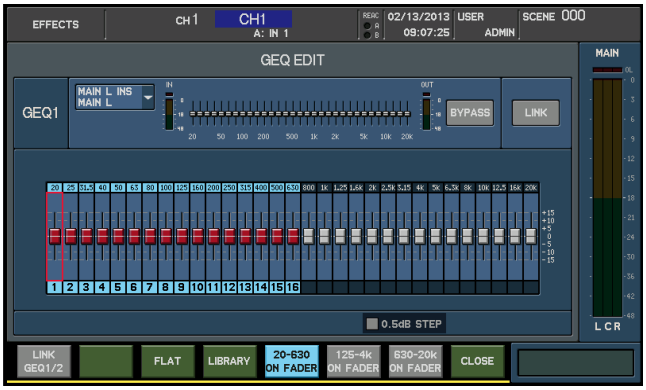
You can also configure a USER button to directly access the popup.

Using the top panel faders to control the GEQ

You can use the top panel faders to control the GEQ.

Press [F5(20-640 ON FADER)], [F6(125-4k ON FADER)] or [F7(640-20k ON FADER)] and turn on.

The corresponding fader range will be shown on the screen and you can operate the GEQ using the top panel faders.



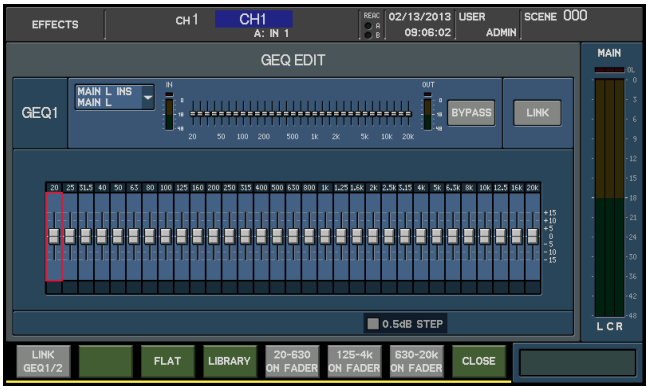
MEMO

If a fader's position is anything other than 0 dB, the corresponding [MUTE] will blink. When you press the blinking [MUTE], the fader will be reset to the 0 dB position.

Using the GEQ library

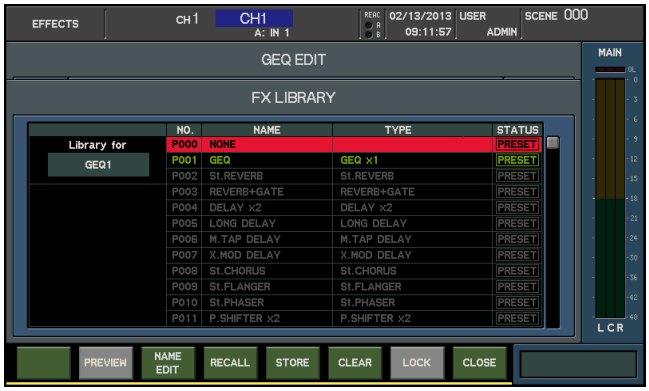
You can recall 31-band GEQ settings from the library, and store the current 31-band GEQ settings in the library. GEQ library operations are performed in the GEQ LIBRARY popup.

1. Access the GEQ EDIT popup for the GEQ unit that is the target of GEQ LIBRARY operations.



2. Press [F5 (LIBRARY)].

The GEQ LIBRARY popup will appear.



A. Applicable GEQ indication

This indicates the effect to which the GEQ LIBRARY popup applies.

B. Library data list

This is a list of the library data.

About the Function Buttons

In the GEQ LIBRARY popup, the function buttons perform the following operations.

- [F2 (PREVIEW)] Press this to preview the selected library data.
- [F3 (NAME EDIT)] This calls up the NAME EDIT popup.
- [F4 (RECALL)] This recalls the selected library data.
- [F5 (STORE)] This stores to the selected library data.
- [F6 (CLEAR)] This clears the selected library data.
- [F7 (LOCK)] This locks the selected library data.
- [F8 (CLOSE)] This closes the popup.

cf.

For details on library operations, refer to “Library operations” in the owner’s manual.

MEMO

Noise may occur while previewing or recalling the library, but this is not a malfunction.

New functionality for scene memory

- A fade function has been added.
- Detailed settings have been added for the Recall Filter function, enabling the individual range to be set independently for channels, DCA/MUTE groups, and effects.

Fade function

The fade function makes parameters change gradually over a specific interval when a scene memory is recalled.

The fade function can be set individually for each scene.

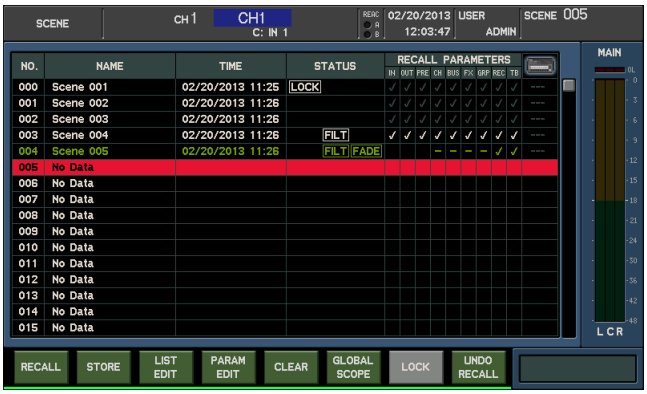
The parameters for which the fade function is enabled are shown below.

- Faders for the respective channels
- Pan (or balance) for the respective channels

Using the fade function

1. At the SCENE MEMORY section, press [DISP].

The SCENE screen is displayed.

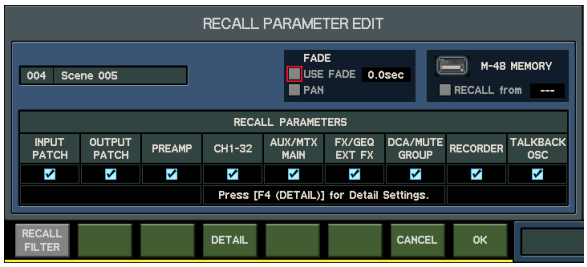


MEMO

When the fade function is enabled for a scene memory, FADE is displayed in the STATUS field for the scene memory on the scene list at the SCENE screen.

2. From the scene list, select the target scene, then press [F4 (PARAM EDIT)].

This accesses the RECALL PARAMETER EDIT popup.



3. Check the [USE FADE] box.

4. Set the fade time.

5. Press [F8 (OK)] to apply the changes and close the popup.

MEMO

Recalling a scene memory for which the fade function is enabled and then again recalling the same scene memory causes the values registered to the scene memory to be updated instantly.

About FADE section parameters

1 USE FADE button

Selecting the check box enables the fade function.

2 Fade time

This sets the duration of the fade. You can set it up to a maximum of 100 seconds.

3 PAN

Selecting this check box enables the fade function for panning (or balance) as well.

Detailed settings for the Recall Filter feature

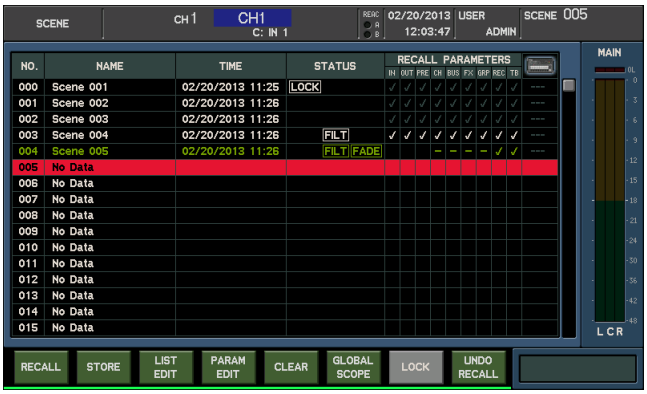
Using the detailed settings for the Recall Filter function lets you recall the following individually.

- CH1 - 32
- MAIN L, C, R
- AUX1 - 8
- MTX1 - 4
- DCA group 1 - 4
- MUTE group 1 - 4
- FX1 - 4
- GEQ1 - 4
- EXT FX1 - 4

Excluding a specific channel from scene recall

1. At the SCENE MEMORY section, press [DISP].

The SCENE screen is displayed.



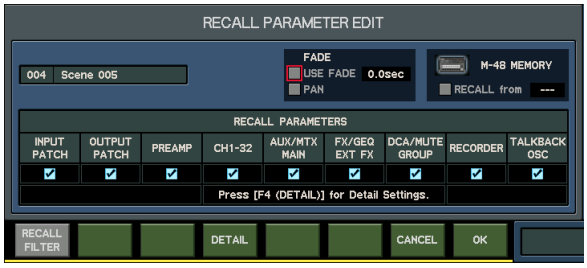
MEMO

The RECALL PARAMETERS box in the scene list is displayed as shown below, depending on the state of the detailed settings for the Recall Filter function.

Display	Meaning
■	Recall none.
✓	Recall all.
–	Recall only some.

2. From the scene list, select the target scene, then press [F4 (PARAM EDIT)].

This accesses the RECALL PARAMETER EDIT popup.

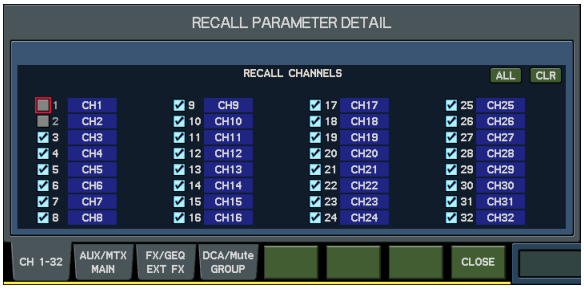


MEMO

The RECALL PARAMETERS selection buttons are displayed as shown below, depending on the state of the detailed settings for the Recall Filter function.

3. Press [F4 (DETAIL)].

The RECALL PARAMETER DETAIL popup appears.



4. Press [F8 (CLOSE)] to close the RECALL PARAMETER DETAIL popup.

5. Press [F1 (RECALL FILTER)] to activate.

6. Press [F8 (OK)] to apply the changes and close the popup.

About Channel recall range setting button

Specify the channels to include in the recall range. Clearing a check mark excludes the item from scene recall.

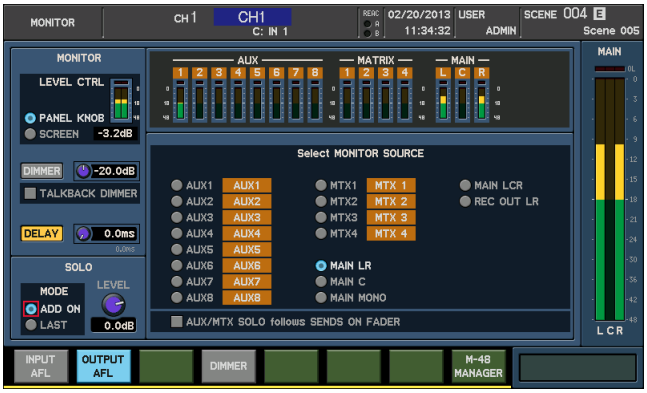
Display	Meaning
☐	Recall none.
☑	Recall all.
▬	Recall only some.

In the case of ▬, pressing [ENTER] displays the RECALL PARAMETER DETAIL popup.

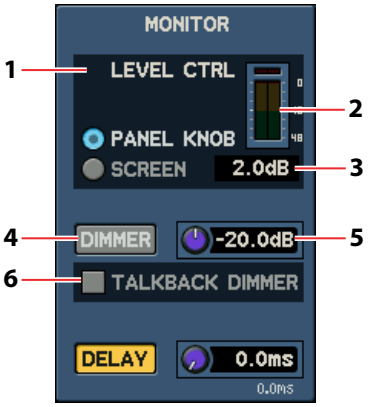
New functionality for monitoring

- A dimmer function has been added.
- Operations from the LEVEL knobs in the top panel's MONITOR section can be prohibited. This is useful when you want to want to keep the monitor level unchanged during use.

MONITOR screen



About MONITOR section parameters



1 MONITOR LEVEL CONTROL selection button

This lets you select either of the following as the operation performed by the monitor level.

- PANEL KNOB
  Operation by the LEVEL knobs in the MONITOR section
- SCREEN
  Prohibit operations from the LEVEL knobs in the MONITOR section, and permit on-screen operation

2 MONITOR LEVEL METER

This displays the output levels of MONITOR OUT L/R.

3 MONITOR LEVEL

This adjusts the monitor level within a range of -Inf to 10 dB. (Operation is possible only when SCREEN has been selected using the MONITOR LEVEL CONTROL selection button.)

4 DIMMER button

This switches the dimmer function on or off.

5 DIMMER LEVEL

This adjusts the dimmer level within a range of -Inf to 0.0 dB.

6 TALKBACK DIMMER button

Selecting this check box interlinks on/off switching of the dimmer function with on/off switching of talkback.

MEMO

When SCREEN has been selected using the MONITOR LEVEL CONTROL selection button, the fader for the MONITOR meter on the METER screen can also be used to adjust the monitor level.

Dimmer function

The dimmer function lowers the monitor signal output to MONITOR OUT L/R by the amount set using DIMMER level.

It is also possible to interlink on/off switching of the dimmer function with on/off switching of talkback.

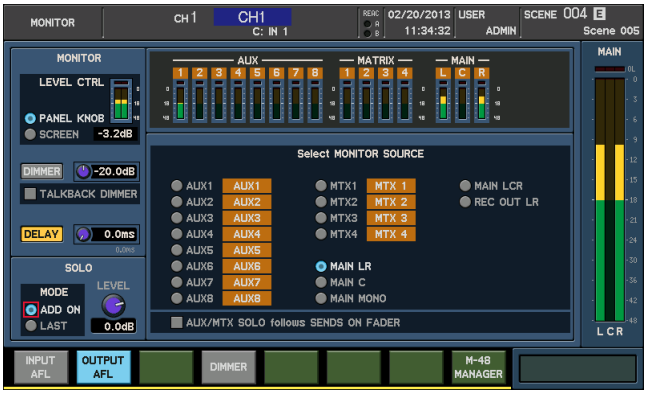
MEMO

The dimmer function has no effect on PHONES OUT (headphones output).

Using the dimmer function

1. At the top panel's MONITOR section, press [DISP].

The MONITOR screen appears.



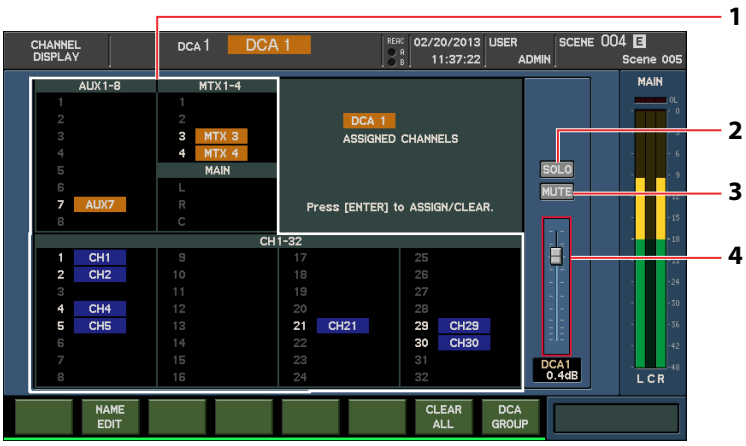
2. Press [F4 (DIMMER)] to switch on the dimmer function.

The functioning of the DIMMER button can be assigned to a user button.

New functionality for DCA groups

- A CHANNEL DISPLAY screen for DCA groups has been added.

CHANNEL DISPLAY screen



1 DCA Group Assign

The assignment to the selected DCA group is displayed. Press [ENTER] to turn on/off assignment to the DCA group.

2 SOLO button

This switches SOLO for a DCA group on or off.

3 MUTE button

This switches MUTE for a DCA group on or off.

4 Fader

This adjusts the level of a DCA group within a range of -Inf dB to +10 dB.

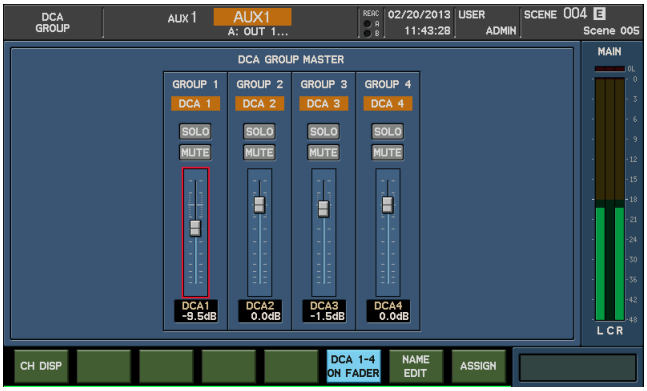
About Function buttons

Button	Function
[F2 (NAME EDIT)]	Displays the NAME EDIT popup.
[F7 (CLEAR ALL)]	Switches off all assignments to DCA groups.
[F8 (DCA GROUP)]	Displays the DCA GROUP screen.

Accessing the CHANNEL DISPLAY screen for DCA groups

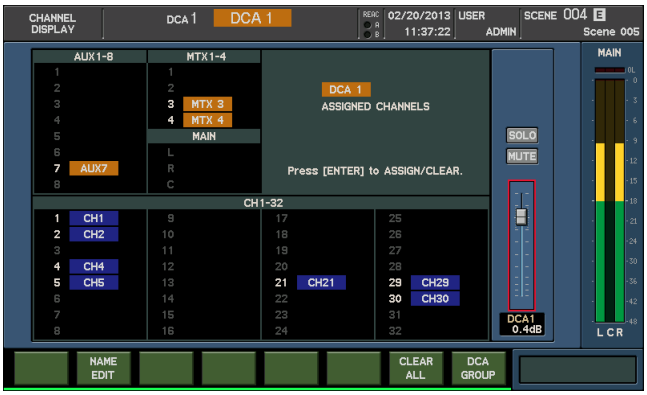
1. At the GROUP section, press [DCA].

The DCA GROUP screen appears.



2. Move the cursor to the target DCA group, then press [F1 (CH DISP)].

The CHANNEL DISPLAY screen appears.

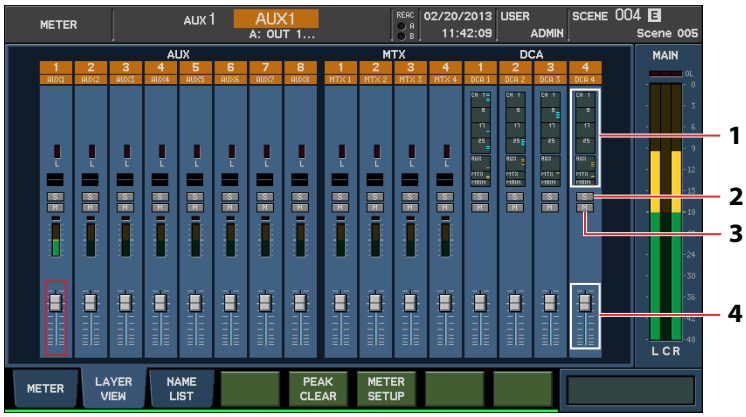


MEMO

When DCA groups have been assigned to user fader layers, pressing [SEL] for a fader module where a DCA group has been assigned lets you access the CHANNEL DISPLAY screen.

METER screen (LAYER VIEW tab)

When DCA groups have been assigned to user fader layers, the DCA group assignments can be checked at the METER screen (LAYER VIEW tab).



1 DCA group assign

This displays a view of all DCA group assignments. Pressing [ENTER] displays the DCA GROUP ASSIGN popup.

2 S button

This switches SOLO for a DCA group on or off.

3 M button

This switches MUTE for a DCA group on or off.

4 Fader

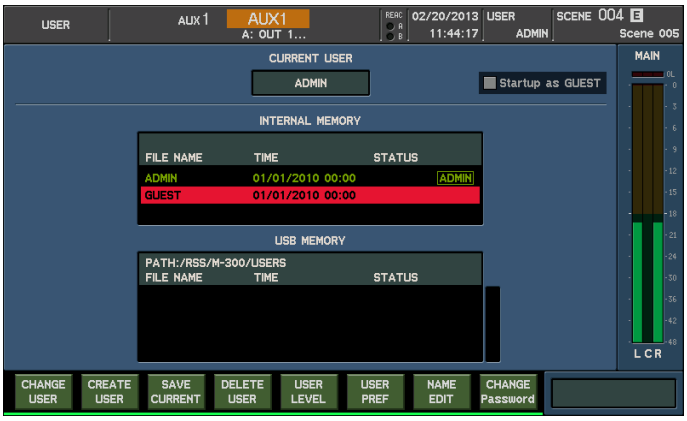
This adjusts the level of a DCA group within a range of -Inf dB to +10 dB.

Make the M-300 Always Start with Guest Mode

You can make the unit always start with Guest Mode when the power is turned on.

1. Call up the USER screen.

Press the [DISP] button in USER section to call up the USER screen.



2. Change the setting

Check the [Startup as GUEST] box. While this is checked, the unit always starts up with guest mode.

Prohibit Specified Operations

You can edit the User Level in order to prohibit the specified operations.

* If you are operating the unit with ADMIN and desire to set user level with current user preference, create a new user setting according to the steps below.

* It is not possible to prohibit any operations for the ADMIN user.

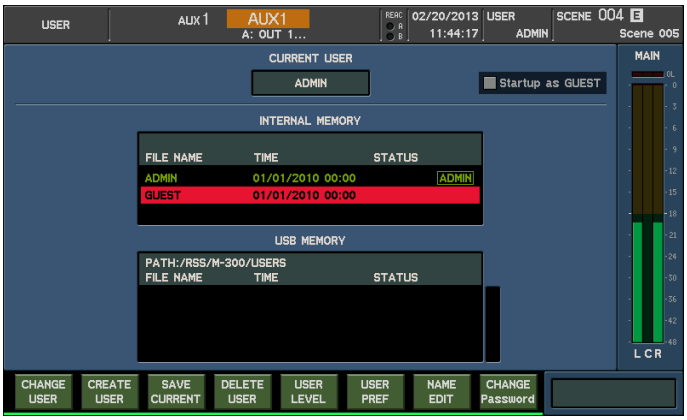
Creating a New User With the Same Settings as the Current User

1. Connect a USB memory.

Connect a USB memory device to the USB MEMORY port of the M-300.

2. Call up the USER screen.

Press the [DISP] button in USER section to call up the USER screen.



3. Call up the CREATE NEW USER popup.

Press [F2 (CREATE USER)] to call the CREATE NEW USER popup.

4. Edit the user name.

Edit the user name in USER NAME field.

5. Make it to copy the current settings.

Check the [Copy current user settings] box and make the unit to copy current user settings to the new one.

6. Create a new user setting.

Press [F8 (CREATE)] to create a setting. A new user with the same settings as the current user will be created in the USB memory.

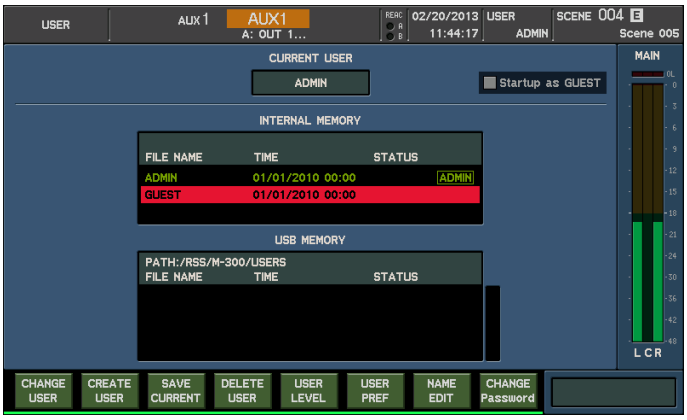
7. Enable the new user setting.

Select the newly created user setting in user list and press [F1 (CHANGE USER)]. The user setting will become active.

Prohibiting Specified Operations

1. Call up the USER screen.

Press the [DISP] button in USER section to call up the USER screen.



2. Call up the USER LEVEL popup.

Select the target user setting in user list and press [F5 (USER LEVEL)]. The USER LEVEL popup will be called up.

3. Display the PANEL tab.

Press [F4 (PANEL)] to display the PANEL tab.

Specify the operation to prohibit (refer to the next page) on this panel tab.

4. Close the popup.

Press [F8 (OK)] to finalize the settings of USER LEVEL and close the popup.

Operations You can Prohibit

•USER LAYER2	This prohibits switching to USER LAYER 2.
•USER LAYER1	This prohibits switching to USER LAYER 2.
•AUX/MTX/DCA LAYER	This prohibits switching to AUX/MTX/DCA LAYER.
•CH17-32 LAYER	This prohibits switching to CH17-32 LAYER.
•CH1-16 LAYER	This prohibits switching to CH1-16 LAYER.
•SENDS ON FADER	This prohibits SENDS ON FADER operations.