

UR-C V3.0

EN

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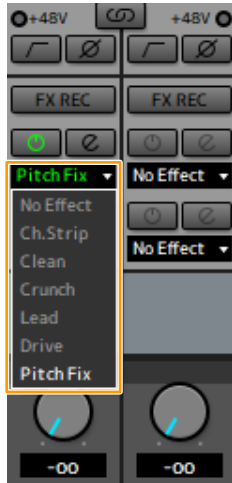
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Overview of Main Functions Added in V3.0

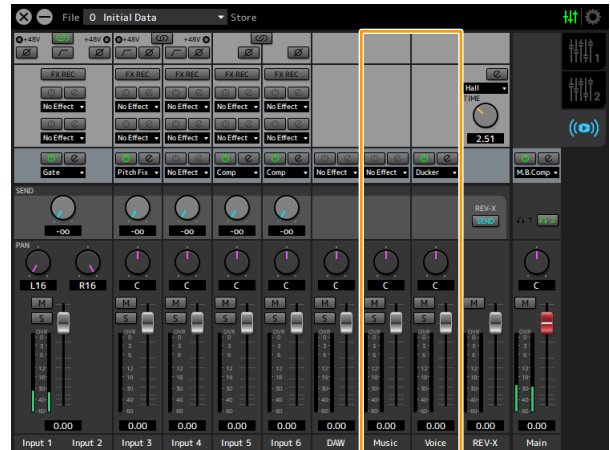
Addition of Input Channel Effects

Pitch Fix has been added to the effect types that can be selected for input channel effects.



Addition of Audio Input Channel from a Computer

A channel for input of background music (Music) and a channel for voice chat input (Voice) from a computer have been added (Refer to [Page 6](#) for details).



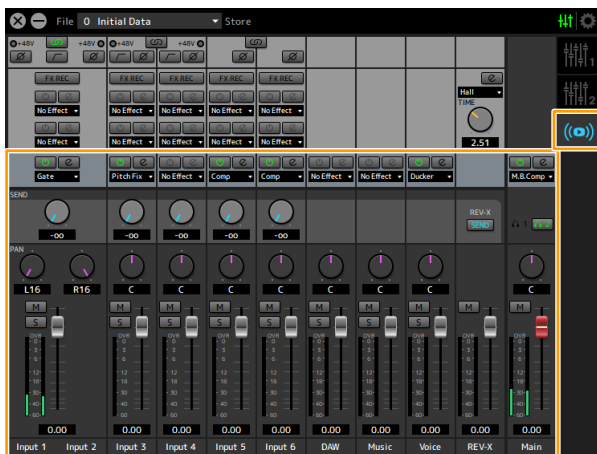
The screen above is for UR44C

NOTE

Cannot be used when connected to an iPad or iPhone.

Addition of Streaming Mix

In addition to the mixes that were available as of V2.0, streaming mix has also been added.



The screen above is for UR44C

NOTE

UR816C switches between Mix4 and Streaming Mix.

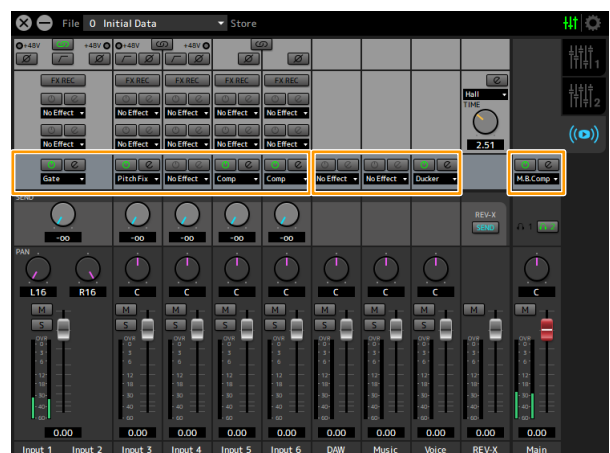
Addition of Streaming Mix Effects

Effects to be applied to the streaming mix have been added.

The Gate or Comp effect type for the input channel can be selected and inserted.

Ducker can be inserted into the DAW/Music/Voice channels.

A Multi-Band Compressor can be inserted at the streaming mix output stage.



The screen above is for UR44C

Addition of three USB Audio Input/Output Functions

By using with the Yamaha Steinberg USB Driver, the UR-C is now displayed as three audio devices. Assign playback from multiple applications on your computer to the Music, Voice and DAW channels to fine-tune the mix.

In the past, the Loopback parameter was used to configure the signals sent to the computer, but now the Streaming, Voice and Input1/2 outputs can be output individually to multiple applications on the computer. With this change, the Loopback parameter has been eliminated.

NOTE

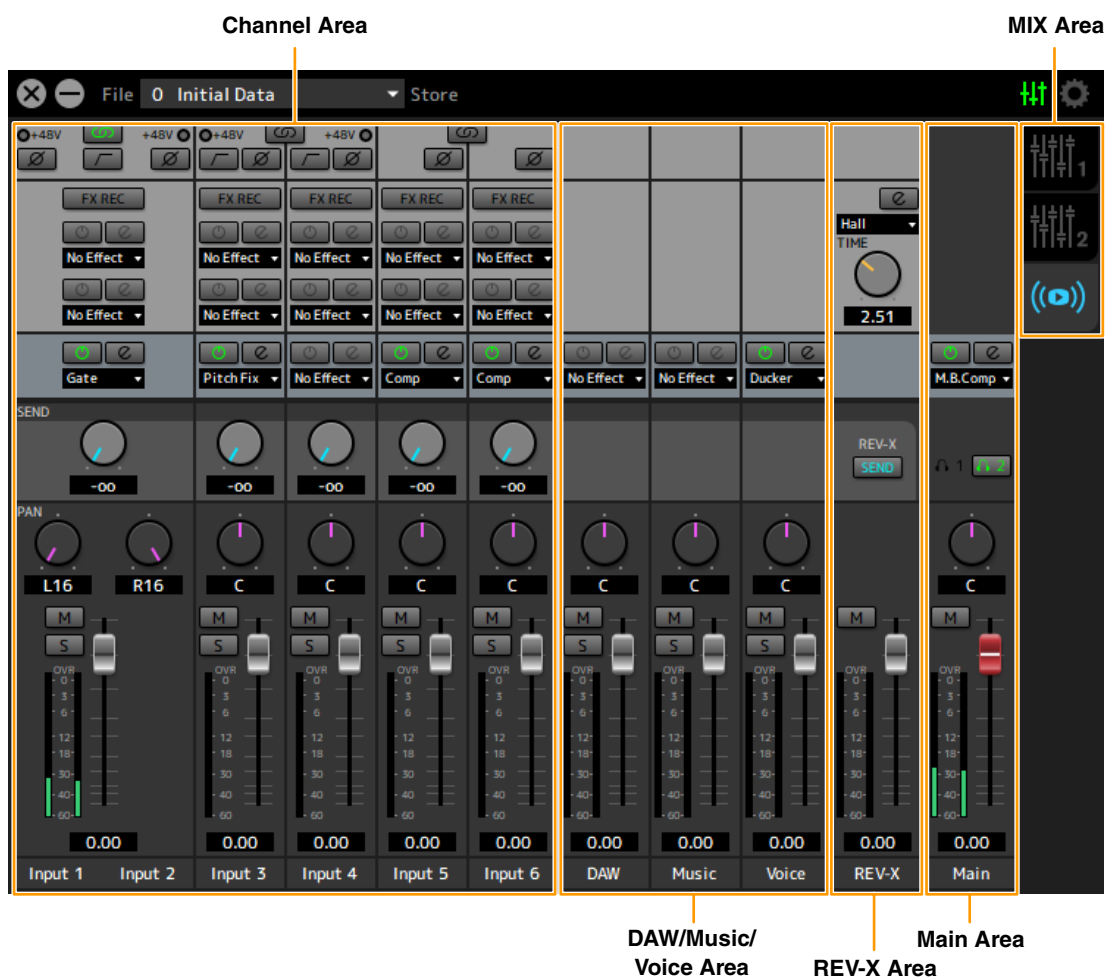
- For UR22C and UR24C, the streaming mix is output to Streaming and the Input Mix (mix of only the main unit input) is output to Voice.
- For UR44C and UR816C, the streaming mix is output to Streaming and Mix2 is output to Voice.
- This addition is not available when connected to an iPad or iPhone.
- Please refer to the block diagram of each model for details.

Function Details

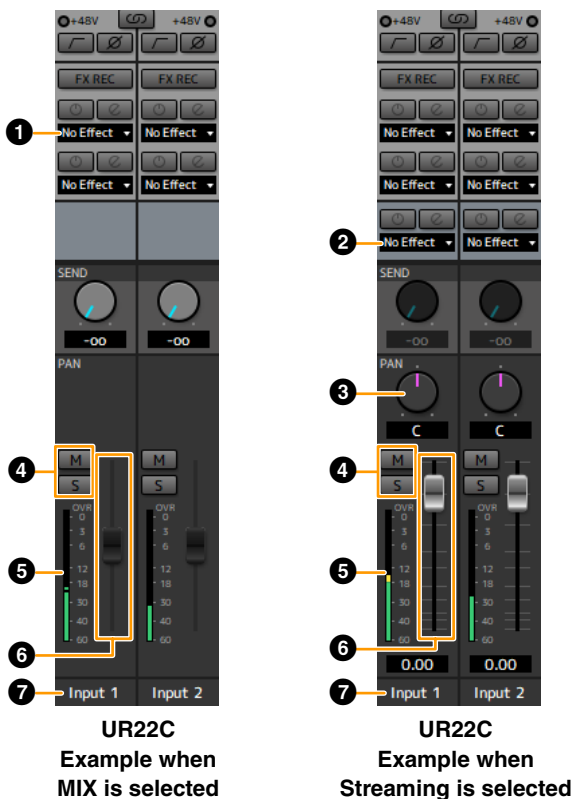
The newly added functions will be explained using the dspMixFx UR-C V3.0 screen.

The portions that are same up to V2.0 are omitted.

Main Screen



Channel Area



1 Effects

On the UR-C V3.0, Pitch Fix was added to the effects. Now the options are No Effect, Ch.Strip, Clean, Crunch, Lead, Drive, Pitch Fix (New).

2 Streaming Effects

Displayed only when Streaming mix () has been selected in the MIX area.

This effect is applied only to the audio played in the streaming mix. It does not affect the output signal from each channel to DAW. No Effect, Gate, or Comp can be selected as the effect type.

3 Pan

A pan function was added to UR22C and UR24C. On the UR22C, this is displayed only when Streaming mix () has been selected in the MIX area.

4 Mute & Solo

On the UR22C and UR24C, mute and solo functions have been added.

5 Level Meter

The simple three point meter at the top of the area has been eliminated and replaced with a detailed meter that is always displayed at the left of the fader. The meter screen switching button in the tool area has also been eliminated.

6 Fader

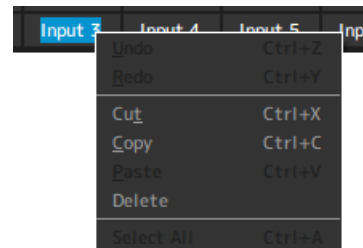
A fader function was added to UR22C and UR24C.

On the UR22C and UR24C, this can be used only when Streaming mix () has been selected in the MIX area. When the normal mix is selected, the level value set by the MIX knob on the front panel is displayed and this cannot be operated.

7 Channel Name

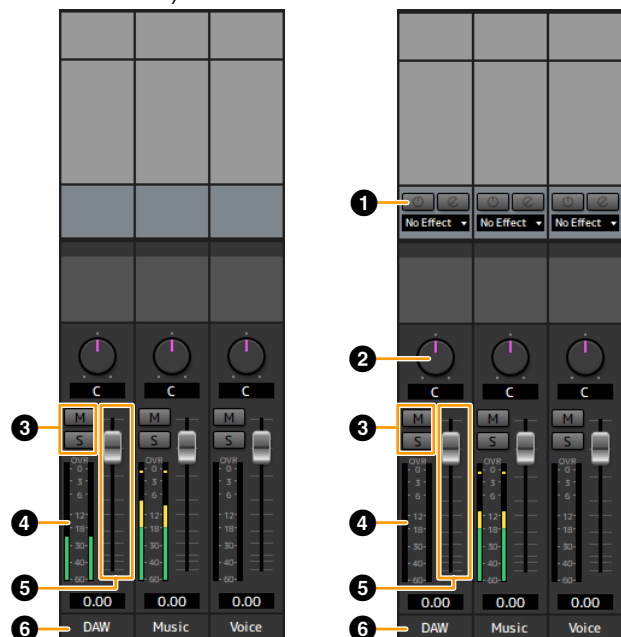
You can input text for each channel by double clicking on each channel.

Also, right-clicking the mouse in that state displays the context menu. If you select Delete from the context menu, this will be reset to the default settings.



DAW/Music/Voice Area

When connected to a computer, a Music channel and a Voice channel have been added. (The Music channel and Voice channel are not displayed when connected to iPad or iPhone)



1 Streaming Effects

Displayed only when Streaming mix () has been selected in the MIX area.

This effect is applied only to the audio played in the streaming mix.

No Effect and Ducker can be selected as the effect type.

2 Balance

On the UR22C and UR24C, a balance function has also been added to the DAW channel.

3 Mute & Solo

On the UR22C and UR24C, mute and solo functions have also been added to the DAW channel.

4 Level Meter

The simple three point meter at the top of the area has been eliminated and replaced with a detailed meter that is always displayed at the left of the fader. The meter screen switching button in the tool area has also been eliminated.

5 Fader

On the UR22C and UR24C, a fader function has also been added to the DAW channel.

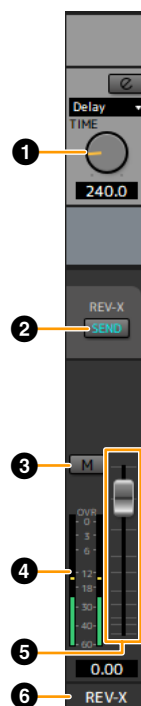
On the UR22C and UR24C DAW channel, this can be used only when Streaming mix () has been selected in the MIX area. When the normal mix is selected, the level value set by the MIX knob on the front panel is displayed and this cannot be operated.

6 Channel Name

You can input text for each channel by double clicking on each channel.

The details are the same as the channel area description.

REV-X Area



1 REV-X

Delay was added to the REV-X types.

The effect type choices are: Hall, Room, Plate, and Delay.

When Delay is selected, use the TIME knob to set the delay time.

2 REV-X Send

Because streaming mix has been added, the function to select a mix to enable REV-X for has been added to the UR22C and UR24C.

3 Mute

A mute function has been added to the REV-X channel.

4 Level Meter

The simple three point meter at the top of the area has been eliminated and replaced with a detailed meter that is always displayed at the left of the fader. The meter screen switching button in the tool area has also been eliminated.

5 Fader

On the UR22C and UR24C, a fader function has also been added to the REV-X channel.

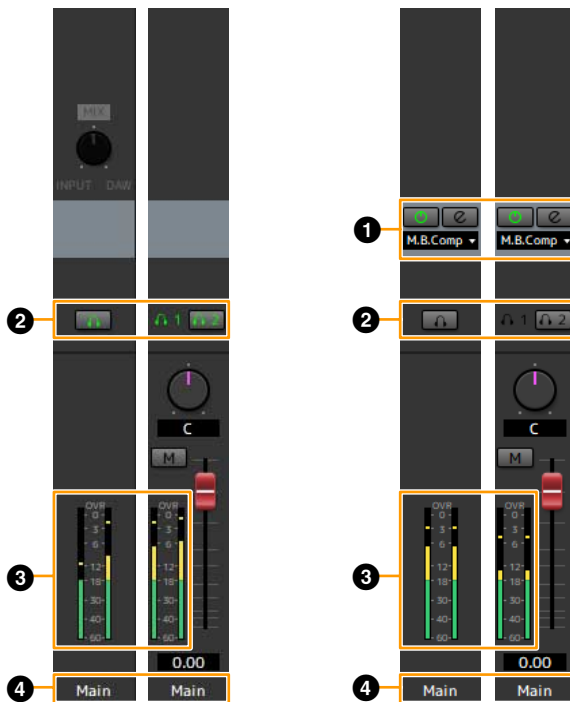
6 Channel Name

You can input text for each channel by double clicking on each channel.


The details are the same as the channel area description.

Main Area

The area name has been changed to "Main".



1 Streaming Effects

Displayed only when Streaming mix () has been selected in the MIX area.

This effect is applied only to final stage of the streaming mix.

No Effect and Maximizer can be selected as the effect type.

2 MONITOR/PHONES

UR22C & UR24C: Select the mix that will be output to the MAIN OUTPUT and the PHONES jack.

UR44C & UR816C: Moved to this position from the fader's left side. Functionality remains the same as in the past.

3 Level Meter

Changed the display position to the fader's left side.

4 Channel Name

You can input text for each channel by double clicking on each channel.

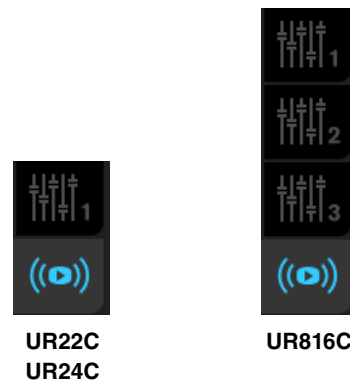
The details are the same as the channel area description.


Output Area (UR24C only)



The display position of the level meter has been changed.

MIX Area



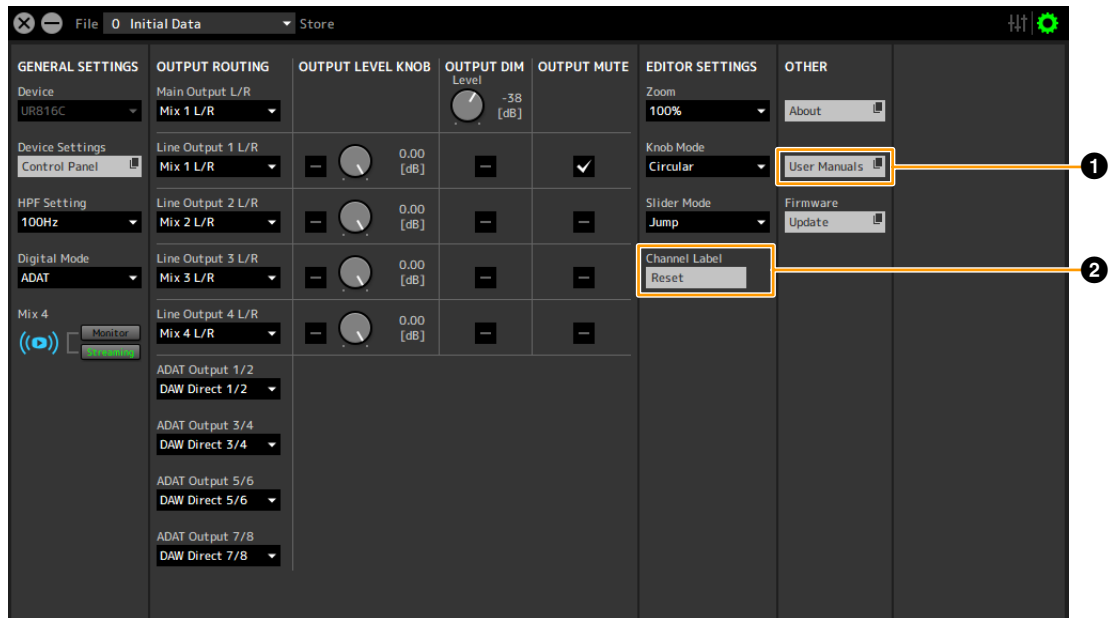
The Streaming mix () selection has been added.

On the UR816C, when Streaming is selected in the GENERAL SETTINGS > Mix4 on the setup screen, the Mix4 switches to Streaming.

Setup Screen

When Connected to a Computer

Common for All Models



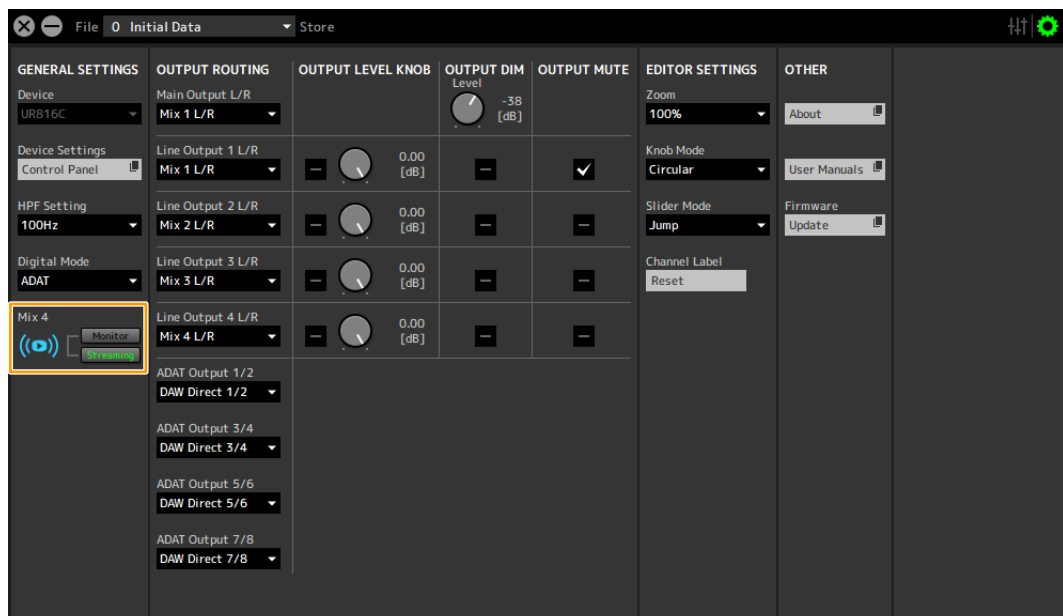
1 User Manuals

Click to open the site for the applicable model's user manual in a browser.

2 Channel Label Reset

Resets all edited channel names at once.

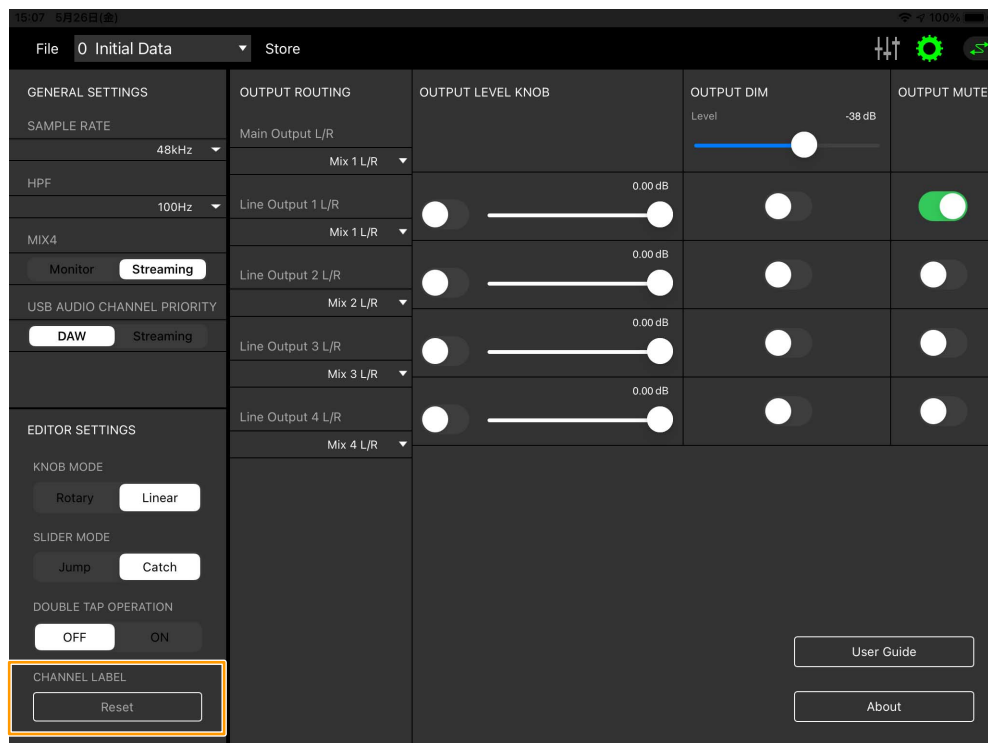
UR816C only



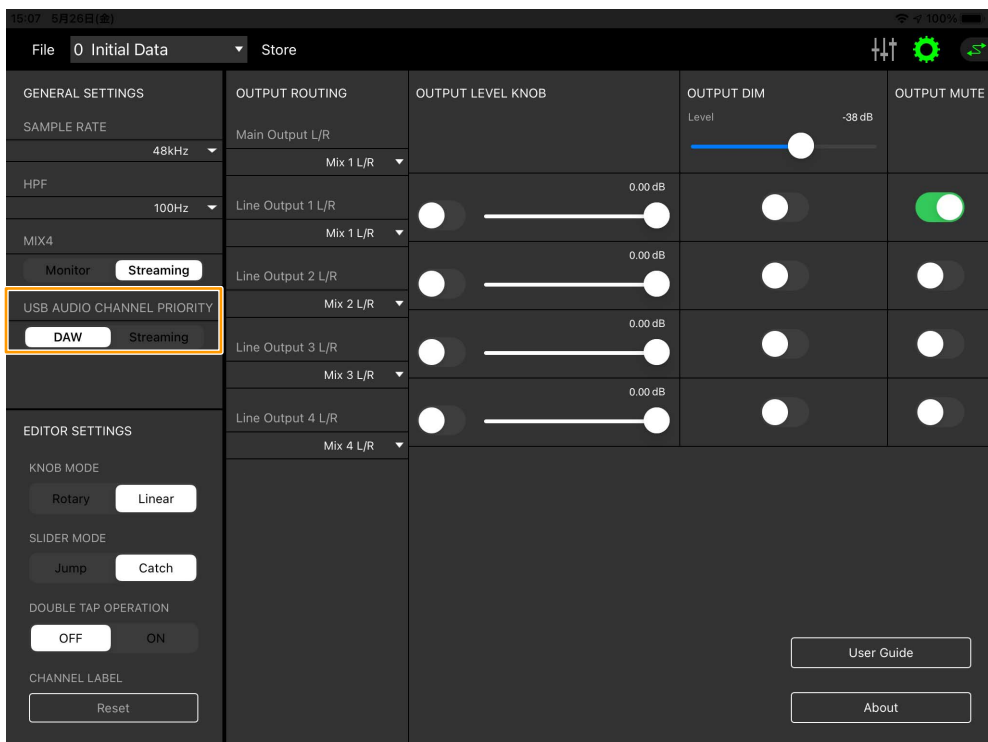
The ability to use Mix4 as either a streaming mix (Streaming) or as a monitor mix as before has been added.

When Connected to an iPad/iPhone

Common for All Models

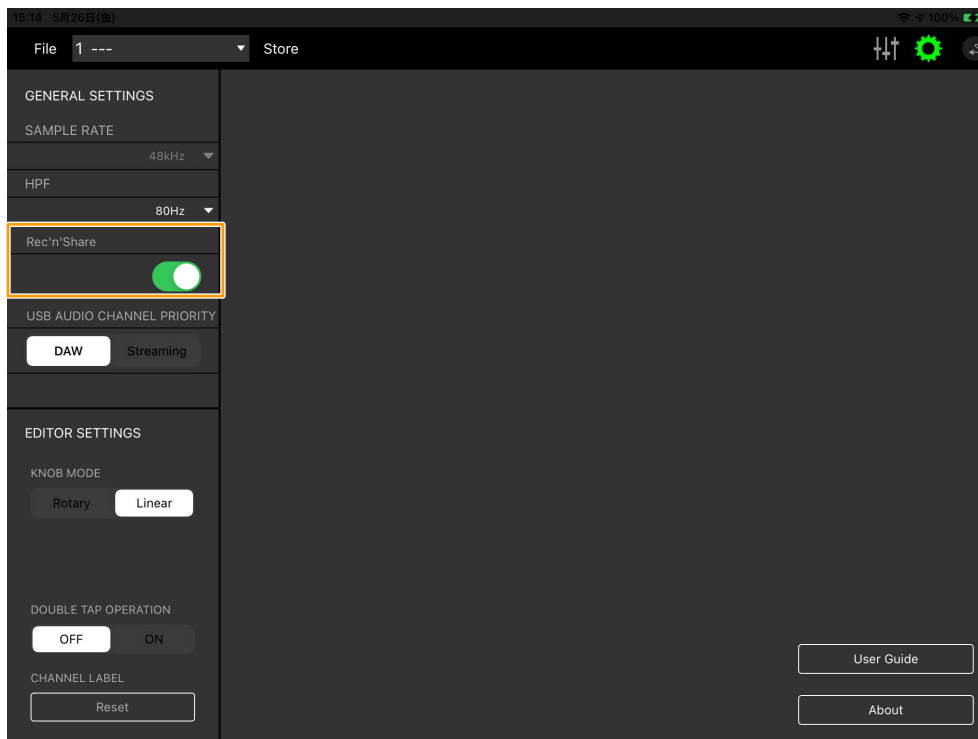


Resets all edited channel names at once.



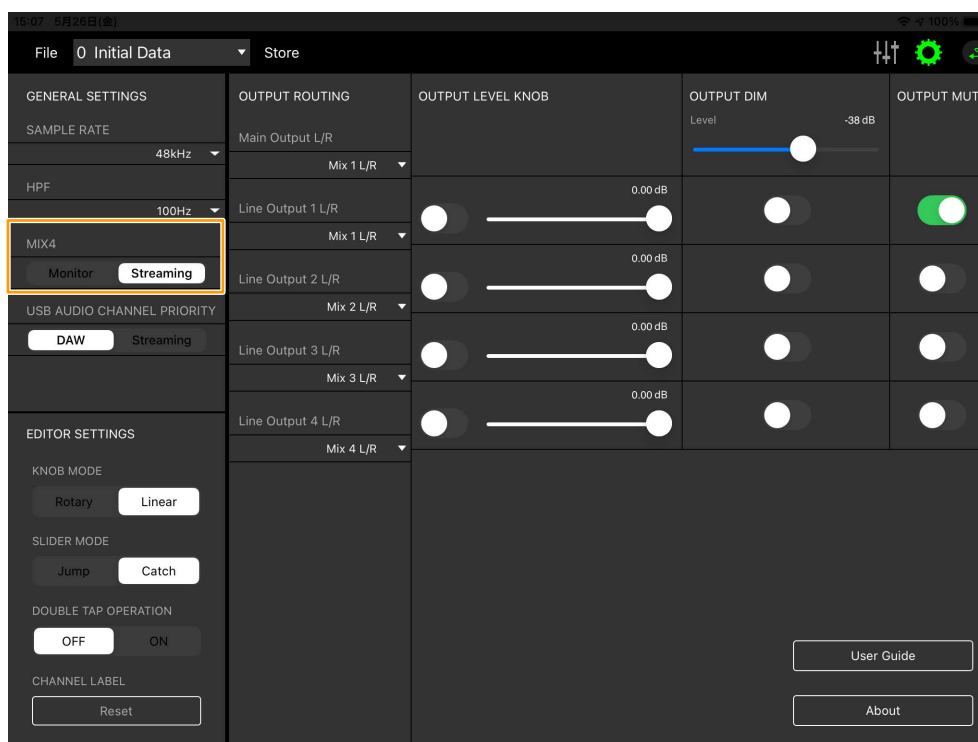
Selects the order of the channels to be output from the UR-C to the iPad/iPhone. If DAW is selected, the signals will be arranged in the order of signals output directly to the DAW from the input channels and the output from the streaming mix will be added to the end. If Streaming is selected, the output from the streaming mix is arranged first. When used for streaming, it is recommended that you select "Streaming".

UR22C only



Please turn this parameter on when using the Rec'n'Share application. There are 2IN/2OUT send & receive channels for the iPad/iPhone and USB audio, which allows audio to be sent to and received from the Rec'n'Share application.

UR816C only



The ability to use Mix4 as either a streaming mix (Streaming) or as a monitor mix (Monitor) as before has been added.

Effects Screen

PITCH FIX

Adjusts the pitch and formant, and processes the microphone sound. It can also correct to a specified pitch.

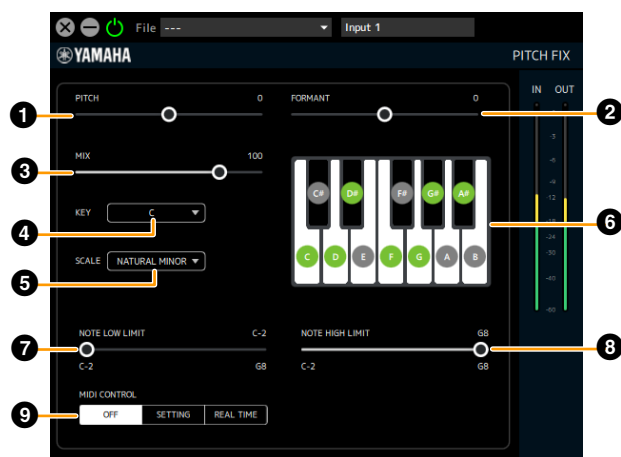
This unit has one Pitch Fix available. Sampling frequencies of 44.1 kHz or 48 kHz can be used. This cannot be used for channels with Channel Link turned on.

How to Open the Screen

In the dspMixFx UR-C MIX area, After selecting Pitch Fix from "Effect Type" in the channel area, click "Edit effect".

On the dedicated Cubase series screen, select Pitch Fix from "Effect Type" in the effect setting area. Click "Edit effect" to start dspMixFx UR-C, and the dspMixFx UR-C Pitch Fix screen will open.

Pitch Fix Screen



1 PITCH

Adjusts the pitch within a range of one octave up or down.

Range: -1200 (cents) – +1200 (cents)

2 FORMANT

Adjusts the formants. A low value gives a masculine voice quality, and a high value gives a feminine voice quality.

Range: -62 – +62

3 MIX

Use the following parameters to set the volume balance before and after scale correction.

The higher the value, the louder the volume after scale correction.

Range: 0 – 126

The PITCH and FORMANT settings made in 1 and 2 can be further modified to specify the scale effect.

4 KEY

5 SCALE

Select Key and Scale to specify the scale to be corrected.

The specified scale is reflected in the 6 keyboard buttons.

Range (KEY): C, C#, B, ..., A#, B

Range (SCALE): Custom, Single, Major, Natural Minor, Harmonic Minor, Melodic Minor, Pentatonic, Chromatic

6 Keyboard buttons

Manually set the scale using the keyboard GUI.

When this GUI is operated, 5 SCALE becomes "Custom". If 9 MIDI CONTROL is anything other than OFF, this cannot be operated.

7 NOTE LOW LIMIT

8 NOTE HIGH LIMIT

Specifies the upper and lower limits of the input pitch to be corrected.

Range: C-2, C#-2, ..., F#8, G8

For example, if you want to always correct the scale from C3 to B3 even if the octave of the input sound is different, set NOTE LOW LIMIT to C3 and NOTE HIGH LIMIT to B3.

If none of the keyboard buttons in the range are turned on, no scale correction is performed. For example, this would apply when only F keyboard button is on, LOW LIMIT is C3 and HIGH LIMIT is E3.

9 MIDI CONTROL

Uses MIDI note messages to set the scale correction.

It supports both the MIDI IN connector on the main unit and USB MIDI.

When MIDI CONTROL is set to SETTING, 5 SCALE can be selected for any setting other than CHROMATIC. When set to REAL TIME, 5 SCALE can be selected as either CUSTOM or SINGLE.

OFF: The MIDI setting function is disabled.

SETTING: When 5 SCALE is set to CUSTOM, the scale is specified instead of using the 6 keyboard buttons. When it is not set to CUSTOM, the key of the last note entered is set to the 4 KEY.

Also this sets 7 NOTE LOW LIMIT/8 NOTE HIGH LIMIT to the range of the entered scale. Note Off is not supported.

REAL TIME: Specifies the scale correction in real time using Note On/Off.

When 5 SCALE is set to CUSTOM, this specifies all of the scales with Note On. When set to SINGLE, this specifies the last Note On scale.


GATE

If a signal that is lower than the THRESHOLD is input, this reduces the output by a fixed value (RANGE). Use this when you do not want environmental noise to be added to the stream.

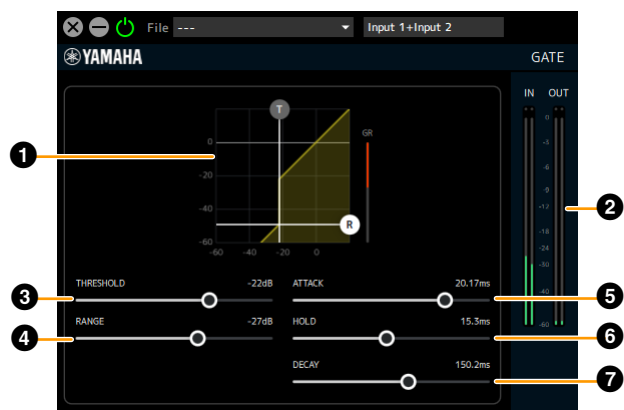
This can be used as a streaming effect in the path from the input channel to the streaming mix, but does not affect the recording signal sent from the channel to the DAW.

This unit has two Gates available. These can be used with all sampling frequencies.

How to Open the Screen

This is displayed when Streaming mix () is selected in the dspMixFx UR-C's MIX area, select Gate in the channel area's "Streaming Effect Type", and then click "Edit effect". Operations cannot be performed from the Cubase series dedicated screen.

Gate Screen



1 Graph

This visually displays the gate's THRESHOLD and RANGE settings. You can also operate the (T) handle for THRESHOLD and the (R) handle for RANGE.

2 Gain Reduction Meter

This displays the amount of gain reduction for the gate.

3 THRESHOLD

Sets the threshold level at which the gate effect is applied.

Range: -72 dB – 0 dB

4 RANGE

Sets the amount of attenuation when the gate effect is applied.

Range: $-\infty$, -72 dB – 0 dB

5 ATTACK

Sets how quickly the gate opens after the input signal level exceeds the THRESHOLD.

Range: 0.092 ms – 80.00 ms

6 HOLD

Sets the time to wait before the gate begins to close after the input signal level drops below THRESHOLD.

Range: 0.02 ms – 1960.0 ms

7 DECAY

Sets how quickly the gate closes after the input signal has passed the HOLD wait time.

Range: 9.3 ms – 999.0 ms


COMPRESSOR

Volume changes can be adjusted by compressing the portion of the signal level that exceeds the THRESHOLD.

This can be used as a streaming effect in the path from the input channel to the streaming mix, but does not affect the recording signal sent from the channel to the DAW.

This unit has two Compressors available. These can be used with all sampling frequencies.

How to Open the Screen

This is displayed when Streaming mix () is selected in the dspMixFx UR-C's MIX area, select Comp in the channel area's "Streaming Effect Type", and then click "Edit effect". Operations cannot be performed from the Cubase series dedicated screen.

Compressor Screen



1 Graph

Visually displays the compressor's THRESHOLD, RATIO and GAIN settings. You can also operate the (T) handle for THRESHOLD and the (R) handle for RATIO.

2 Gain Reduction Meter

Displays the amount of gain reduction for the compressor.

3 THRESHOLD

Sets the threshold level at which the compressor effect is applied.

Range: -54 dB – 0 dB

4 RATIO

Sets the amount of compression for the compressor.

Range: 1.00:1 – INF:1

5 GAIN

Sets the output level of the compressor. When Auto Makeup is on, this will be set automatically and cannot be operated.

Range: 0.0 dB – 18.0 dB

6 Auto Makeup

When set to ON, the GAIN is automatically set using the THRESHOLD and RATIO settings.

7 ATTACK

Automatically sets the speed at which the compressor effect reaches its maximum once the input signal level exceeds the THRESHOLD.

Range: 0.092 ms – 80.00 ms

8 RELEASE

This is the time it takes for the compressor effect to disappear after the input signal falls below the THRESHOLD.

Range: 9.3 ms – 999.0 ms

9 KNEE

Sets the smoothness (sharpness) of volume changes near the THRESHOLD setting level.

Soft: The volume changes naturally.

Medium: Between Hard and Soft.

Hard: The volume changes are noticeable.


DUCKER

Automatically attenuates the sound of the DAW/Music/Voice channel for the input audio from the Input1/2 and Voice channels. You can create an environment in which the background music is played at a low volume while you are talking on the microphone or while you are talking from the chat application, and then the background music is played at the original volume in all other cases.

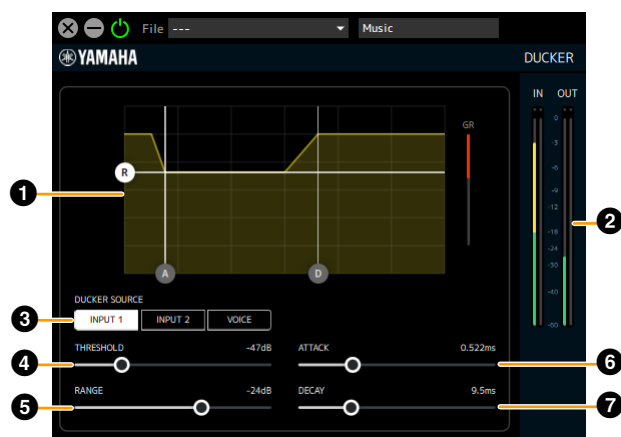
It can be used as a streaming effect for routes from the DAW/Music/Voice channels to the streaming mix.

This unit has 2 duckers available. These can be used with all sampling frequencies.

How to Open the Screen

This is displayed when Streaming mix () is selected in the dspMixFx UR-C's MIX area, select Ducker in the DAW/Music/Voice area's "Streaming Effect Type", and then click "Edit effect". Operations cannot be performed from the Cubase series dedicated screen.

Ducker Screen



1 Graph

Visually displays the change in output level over time from the beginning of the Ducker effect to the end of effect. You can also operate the (A) handle for ATTACK, the (D) handle for DECAY, and the (R) handle for RANGE.

2 Gain Reduction Meter

Displays the amount of gain reduction for the ducker.

3 DUCKER SOURCE

Sets the signal used to determine the strength of the ducker.

INPUT1: Signal from Input1 channel to Streaming mix (post-fader)

INPUT2: Signal from Input2 channel to Streaming mix (post-fader)

VOICE: Signal from Voice channel to Streaming mix (post-fader)

Multiple settings can be turned on. Use this when you want to handle multiple signals.

4 THRESHOLD

Sets the threshold level at which the ducker effect is applied.

Range: -60 dB – 0 dB

5 RANGE

Sets the amount of attenuation when the ducker effect is applied.

Range: -70 dB – 0 dB

6 ATTACK

Sets how quickly the volume lowers after the input signal level exceeds the THRESHOLD.

Range: 0.092 ms – 80.00 ms

7 DECAY

Sets how quickly the volume returns after the input signal level falls below the THRESHOLD.

Range: 1.3 ms – 5.0 s

DELAY

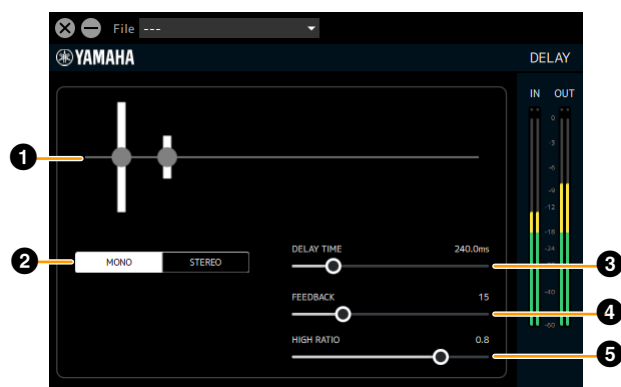
Adds Delay as an effect type for REV-X. These can be used with all sampling frequencies.

How to Open the Screen

After Delay is selected in the dspMixFx UR-C's REV-X area, click "REV-X Edit".

On the Cubase series dedicated screen, select Delay for "REV-X Type" in the effect setting area. Click "REV-X Edit" to start dspMixFx UR-C, and the dspMixFx UR-C Delay screen will open.

Delay Screen



1 Graph

Visually displays Delay settings and their effects.
Cannot be operated.

2 MONO/STEREO switching

Switches the delay type.

MONO: The left and right delay times will be the same.

STEREO: This effect applies a delay alternately to the left and right. This cannot be selected when the sampling frequency is 176.4 kHz or 192 kHz.

3 DELAY TIME

Sets the delay time.

Range: 0.1 ms – 1300.0 ms

4 FEEDBACK

Sets the amount of delay feedback.

Range: 0 – 63

5 HIGH RATIO

Sets the amount of high frequency component included in the feedback.


Range: 0.1 – 1.0

MULTI-BAND COMPRESSOR

By using a multi-band compressor algorithm and setting the compressor for each LOW/MID/HIGH band, you can suppress changes in the stream volume and increase the sound pressure.

Can be used at the final output stage of a streaming mix. This can be used when the sampling frequency is 44.1 kHz, 48 kHz, 88.2 kHz or 96 kHz.

How to Open the Screen

This is displayed when Streaming mix () is selected in the dspMixFx UR-C's MIX area, then select M.B. Comp in the channel area's "Streaming Effect Type", and then click "Edit effect". Operations cannot be performed from the Cubase series dedicated screen.

Multi-Band Compressor Screen



When Graph (Band Division Overview) is clicked.

1 Graph (Band Division Overview)

Sets the band division for each of the LOW/MID/HIGH bands and displays the level of each band in simplified form.

Use the (L) handle to set LOW GAIN, the (M) handle to set MID GAIN, and the (H) handle to set HIGH GAIN. The L-M XOVER settings can be operated using the (L-M) handle and the M-H XOVER settings can be operated using the (M-H) handle.

Click this area to display the parameters for 3-7 below.

2 1-knob



When 1-knob is off



When 1-knob is on

This function controls the effect of Multi-Band Compressor with a single slider. When 1-knob is turned on, a slider will appear, and you can operate the slider to control THRESHOLD, RATIO, and GAIN of each band. ATTACK, RELEASE and XOVER frequencies are fixed values. 1-knob will be displayed when you click on any graph.

3 LOW GAIN

Sets the volume of the LOW band.

Range: $-\infty$, -60 dB – +18 dB

4 MID GAIN

Sets the volume of the MID band.

Range: $-\infty$, -60 dB – +18 dB

5 HIGH GAIN

Sets the volume of the HIGH band.

Range: $-\infty$, -60 dB – +18 dB

6 L-M XOVER

Sets the crossover frequency between the LOW band and MID band.

Range: 21.2 Hz – 4.00 kHz

7 M-H XOVER

Sets the crossover frequency between the MID band and HIGH band.

Range: 42.5 Hz – 8.00 kHz



When LOW band graph is clicked

8 LOW Band Graph

Visually displays the LOW band compressor's THRESHOLD, RATIO and GAIN settings. You can also operate the (T) handle for THRESHOLD and the (R) handle for RATIO. Also displays a gain reduction meter to the right of the graph. Click this area to display the parameters for 9-14 below.

9 BYPASS (LOW)

Turns the LOW band compressor bypass on or off.

10 ATTACK TIME (LOW)

Sets the LOW band compressor attack time.

Range: 1 ms – 200 ms

11 RELEASE TIME

Sets the compressor (Common to all bands) release time.

Range: 10 ms – 3000 ms

12 THRESHOLD (LOW)

Sets the LOW band compressor THRESHOLD.

Range: -54 dB – -6 dB

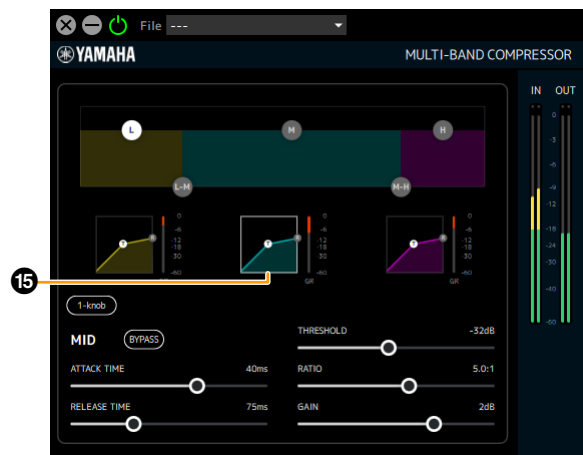
13 RATIO (LOW)

Sets the LOW band compressor RATIO.

Range: 1.0:1 – 20.0:1

14 GAIN (LOW)

Same as 3.



When MID band graph is clicked

15 MID Band Graph

Visually displays the MID band compressor's THRESHOLD, RATIO and GAIN settings. You can also operate the (T) handle for THRESHOLD and the (R) handle for RATIO. Also displays a gain reduction meter to the right of the graph.

Clicking on this area displays the parameters of the MID band compressor. (Because it is the same as the LOW band, details for each parameter are omitted.)



When HIGH band graph is clicked

16 HIGH Band Graph

Visually displays the HIGH band compressor's THRESHOLD, RATIO and GAIN settings. You can also operate the (T) handle for THRESHOLD and the (R) handle for RATIO. Also displays a gain reduction meter to the right of the graph.

Clicking on this area displays the parameters of the HIGH band compressor. (Because it is the same as the LOW band, details for each parameter are omitted.)

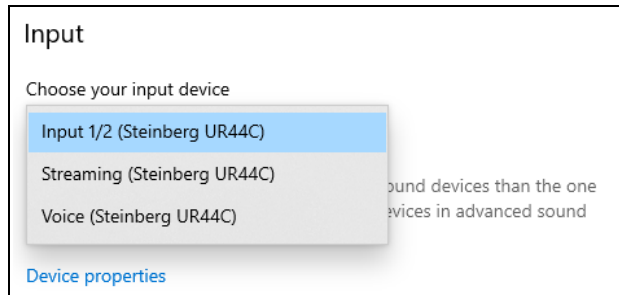
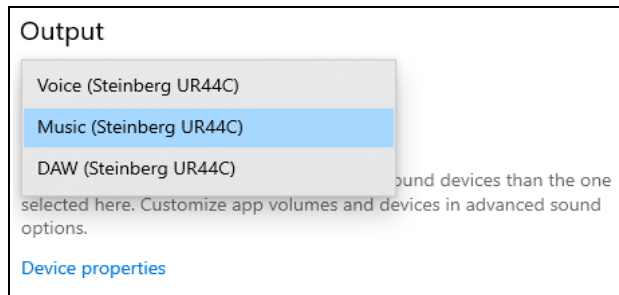
Changes in USB Specifications

By using with the Yamaha Steinberg USB Driver, the UR-C is now handled as 3 audio devices.

For each signal path, please refer to the internal signal flow and block diagram for each model.

For Windows

You can now select Music (Steinberg URxxC), Voice (Steinberg URxxC) and DAW (Steinberg URxxC) as sound output devices and Streaming (Steinberg URxxC), Voice (Steinberg URxxC) and Input 1/2 (Steinberg URxxC) as input devices (where xx is the model name)).



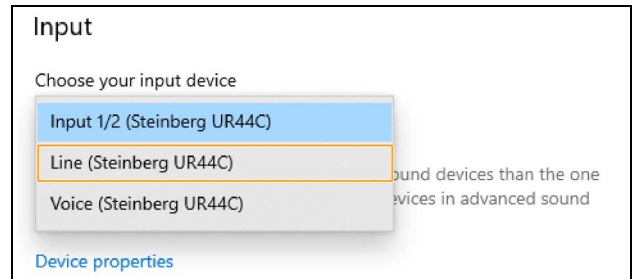
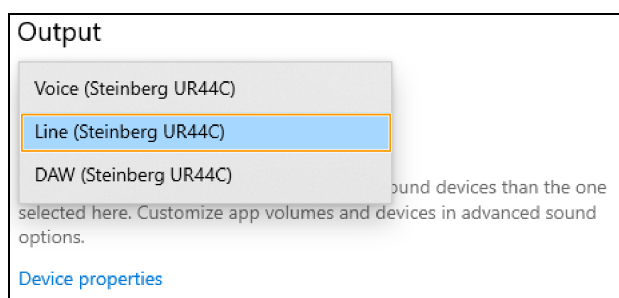
To use the same way as up to V2.0, select DAW (Steinberg URxxC) as the output device and Input 1/2 (Steinberg URxxC) as the input device.

Streaming mix input has also been added to ASIO.

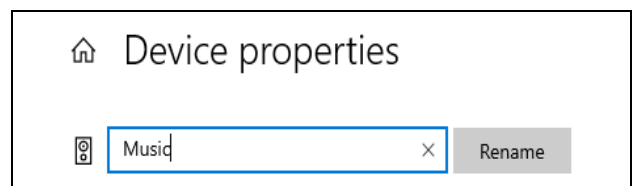
When using a DAW application, etc., a signal feedback loop may occur with the track monitor function, etc., so carefully check the settings of the application you are using.

NOTE

Sound input/output device names may inheriting the previous names and be displayed as follows.



If necessary, change Line to Music or Line to Streaming in the Sound Properties.



NOTE: Supplement for Some Windows PCs

Due to the increased number of USB audio input/output channels, some Windows PCs connected to the UR816C with a USB 2.0 cable or by setting USB Mode to High-Speed (USB 2.0) in the Yamaha Steinberg USB Driver may not have enough bandwidth to set the sampling frequency to 176.4 kHz or 192 kHz.

If you want to continue using the USB 2.0 connection, set the sampling frequency to 96 kHz or lower.

Also, depending on the order of connection and firmware updates, the sampling frequency will remain set to 176.4 kHz or 192 kHz, making it impossible to recognize the UR816C from a Windows PC. In that case, change the sampling frequency according to the following procedure.

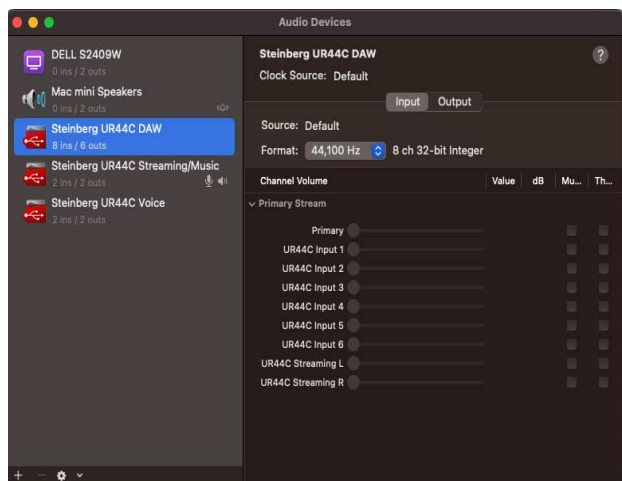
1. Turn the UR816C power off.
2. If you turn on the UR816C while holding down the [DIM] switch on the front panel, the UR816C will start up in safe mode.
 - All indicators on the front panel will flash three times during startup.
 - When connected to a computer via USB while booting in safe mode, the [USB] indicator on the front panel will quickly flash twice.
3. The input/output channels for USB audio are limited to 10 in/10 out, and the UR816C will be recognized by the computer (Windows PC), so set the sampling frequency to 96 kHz or lower in the Yamaha Steinberg USB Driver.
4. Turn the UR816C power off and back on. The UR816C main unit starts up in normal mode.

When using at 176.4 kHz or 192 kHz, connect the computer and the UR816C's USB 3.0 port with a USB 3.0 cable, and set the USB Mode to SuperSpeed (USB 3.1 Gen 1) in the Yamaha Steinberg USB Driver.

For Macs

Three audio devices can be selected: Steinberg URxxC DAW, Steinberg URxxC Streaming/Music and Steinberg URxxC Voice (where xx is the model name).

For the same method of use as up to V2.0, select Steinberg URxxC DAW. For the Steinberg URxxC DAW, in addition to the same I/O as up to V2.0, the streaming mix input has also been added.



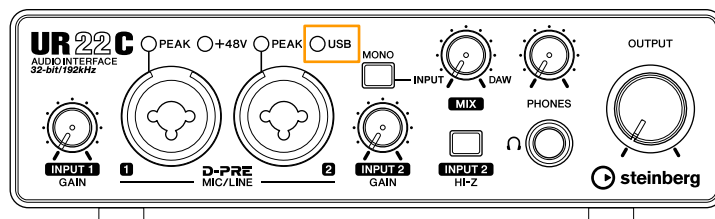
**The Audio Devices Screen in Audio MIDI Settings
(when UR44C is connected)**

For iPad/iPhone

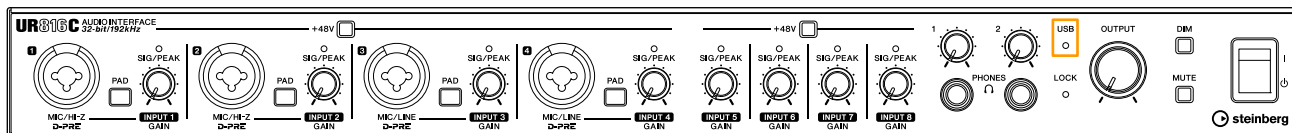
Because it is not supported by the Yamaha Steinberg USB Driver, it cannot be selected as multiple audio devices, but the streaming mix input has also been added to V3.0.

Front Panel [USB] Indicator Specification Changes

When communication with the computer or iOS device is not possible, the display was changed from flashing to off.



For UR22C

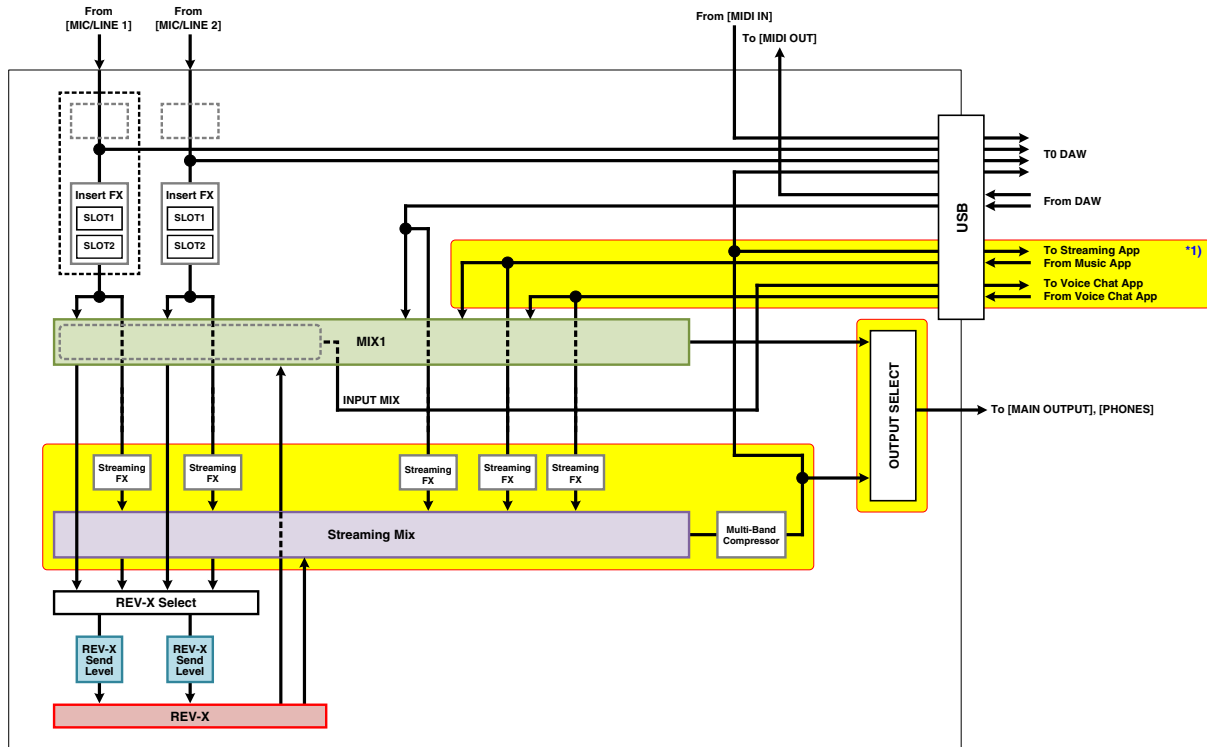


For UR816C

Signal Flow Inside the Main Unit

The figure below explains the signal paths that were added/changed in the UR-C V3.0.

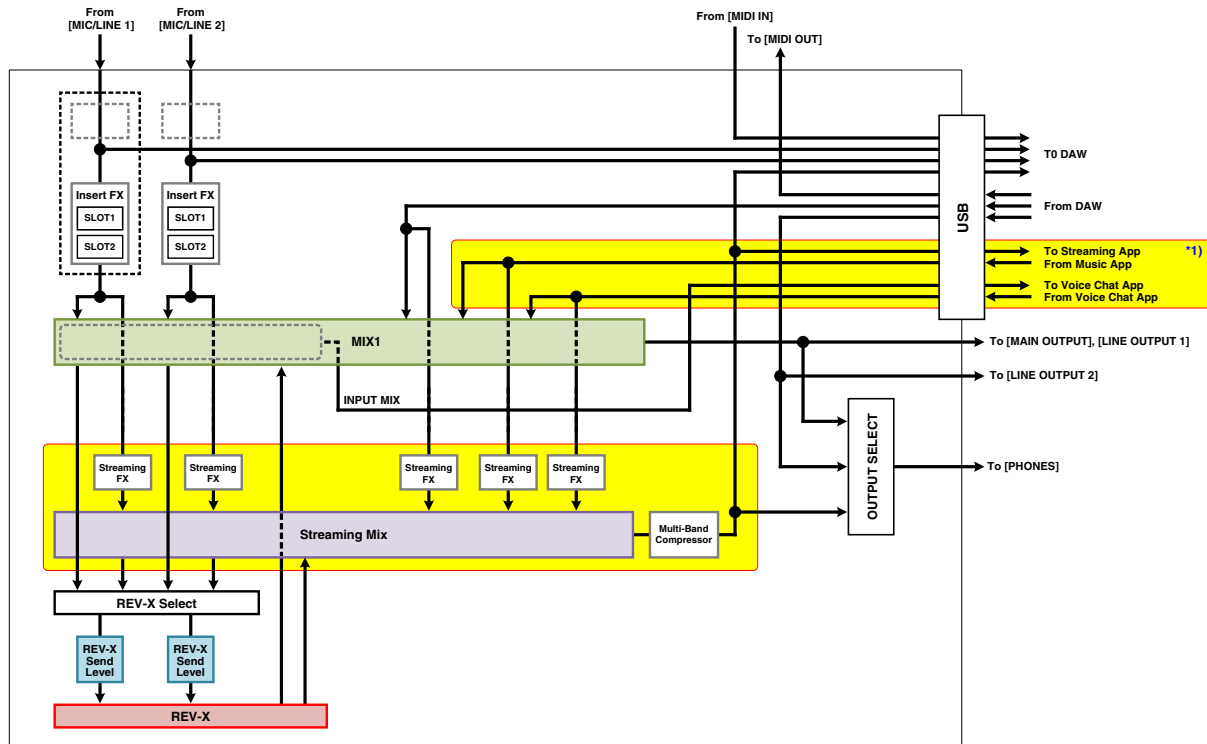
UR22C



The portions in yellow were added in V3.0.

*1) Cannot be used when connected to an iPhone or iPad.

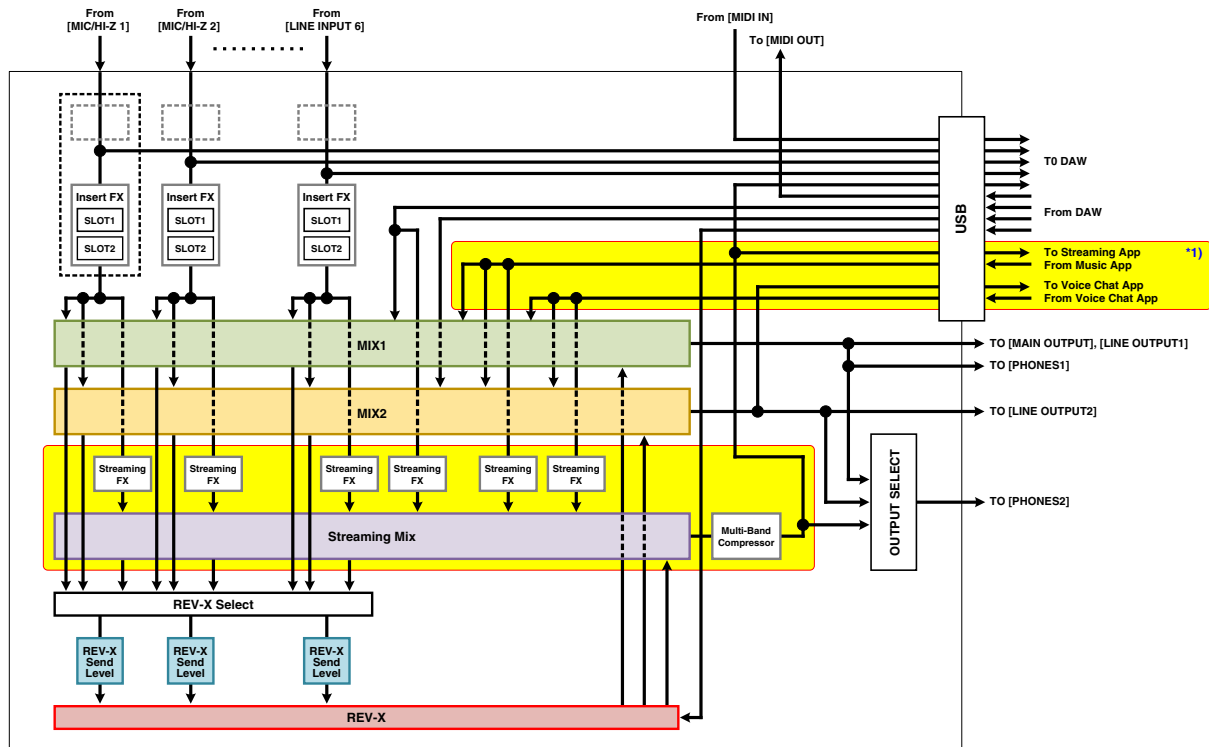
UR24C



The portions in yellow were added in V3.0.

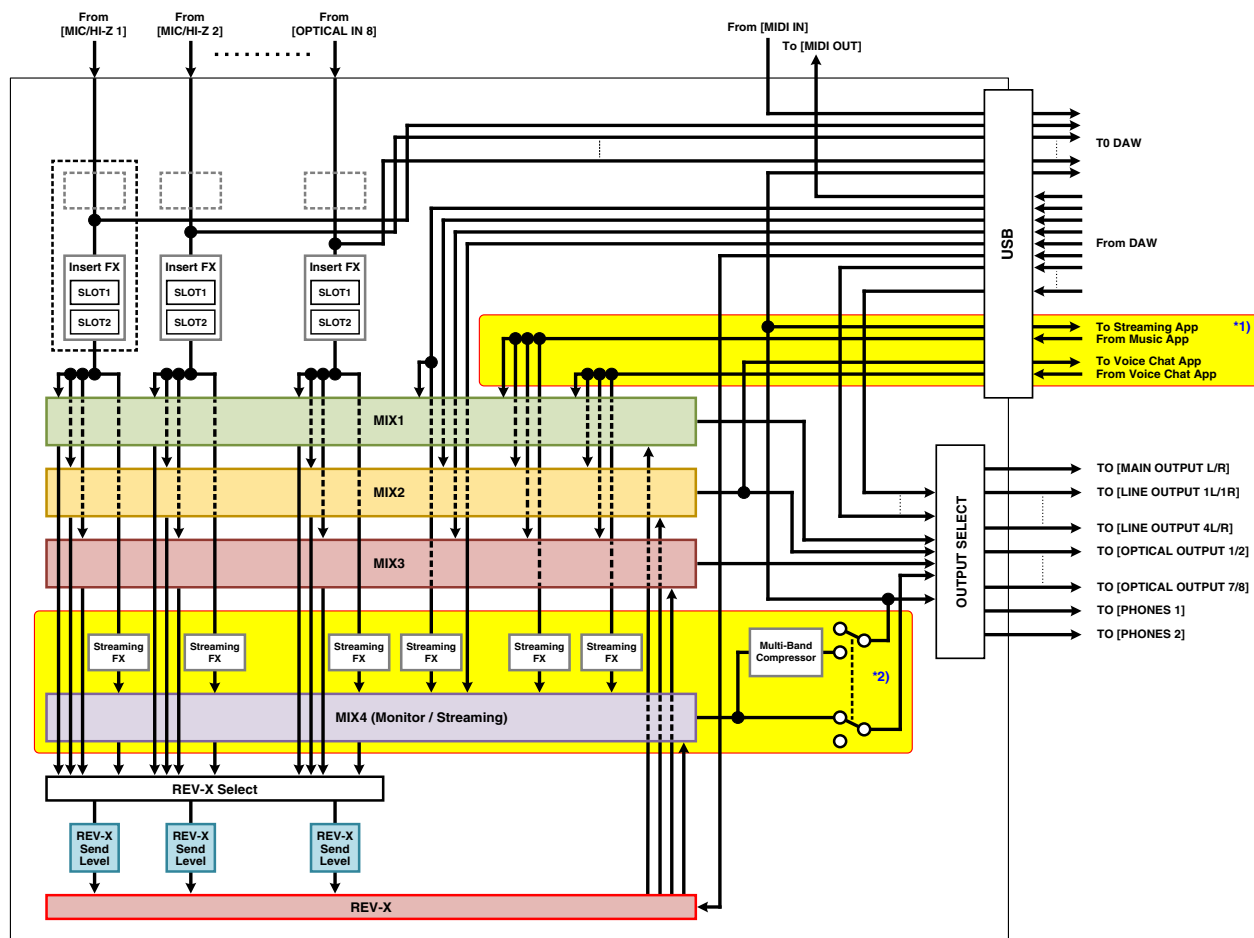
*1) Cannot be used when connected to an iPhone or iPad.

UR44C



The portions in yellow were added in V3.0.

*1) Cannot be used when connected to an iPhone or iPad.

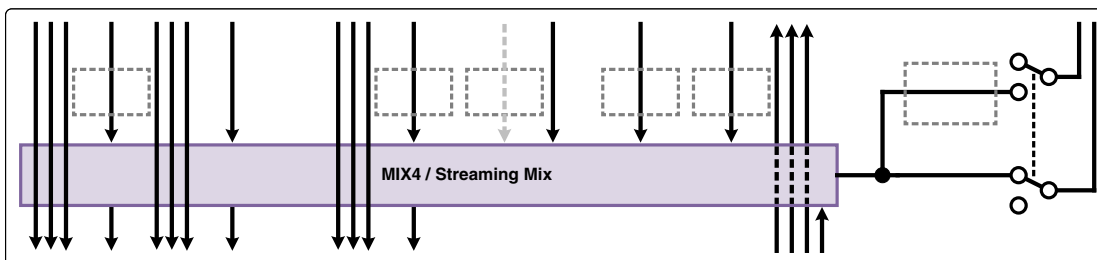


The portions in yellow were added/changed in V3.0.

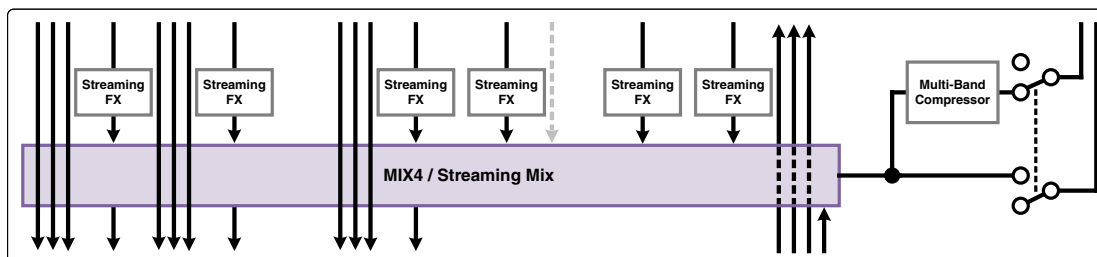
*1) Cannot be used when connected to an iPhone or iPad.

*2) The signal flow changes with the GENERAL SETTINGS > Mix4 settings on the setup screen.

When Monitor is selected: Streaming FX and Multi-Band Compressor cannot be used. Streaming Mix signals are not output to USB.

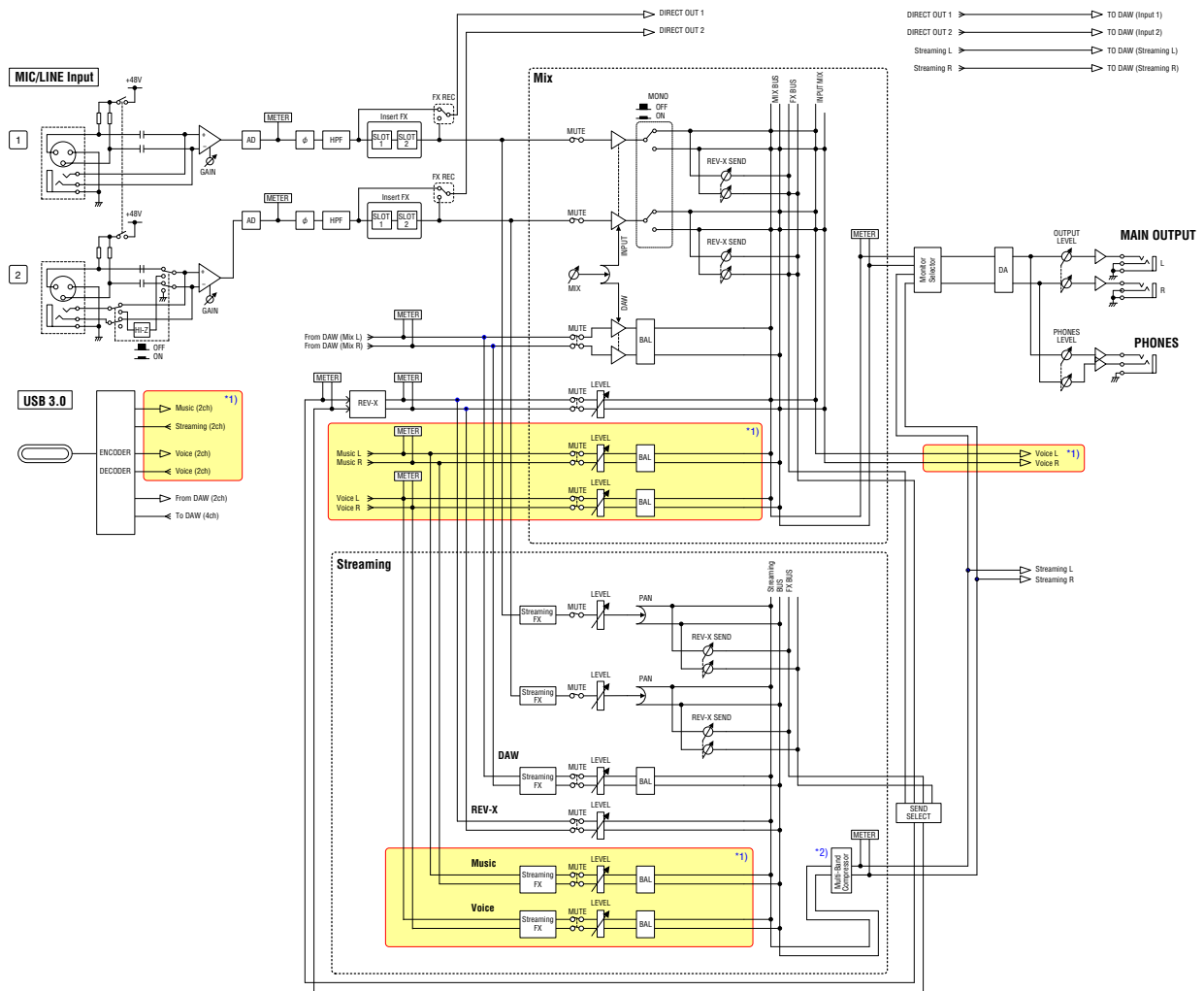


When Streaming is selected: Streaming FX and Multi-Band Compressor can be used.



Block Diagrams

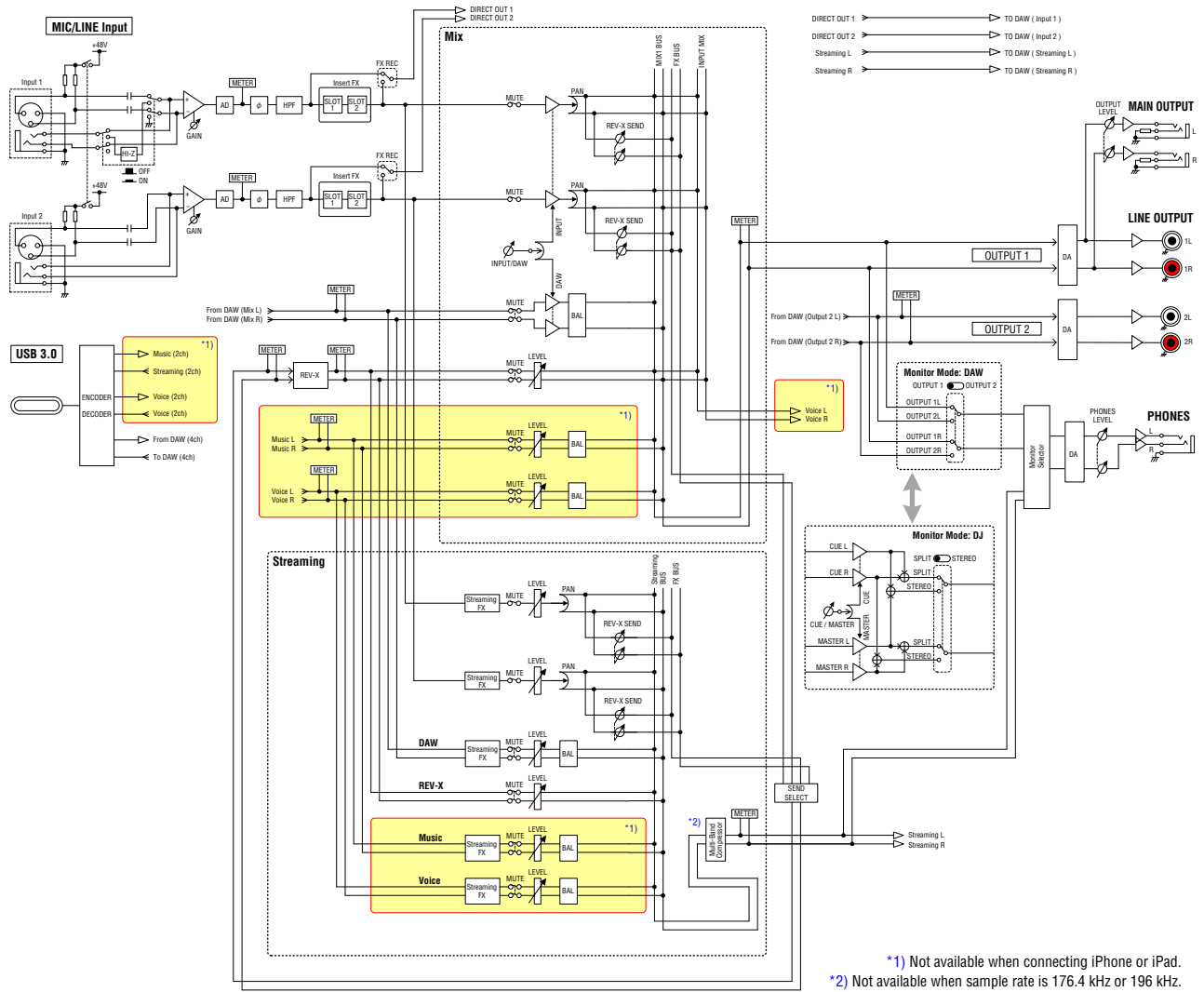
UR22C



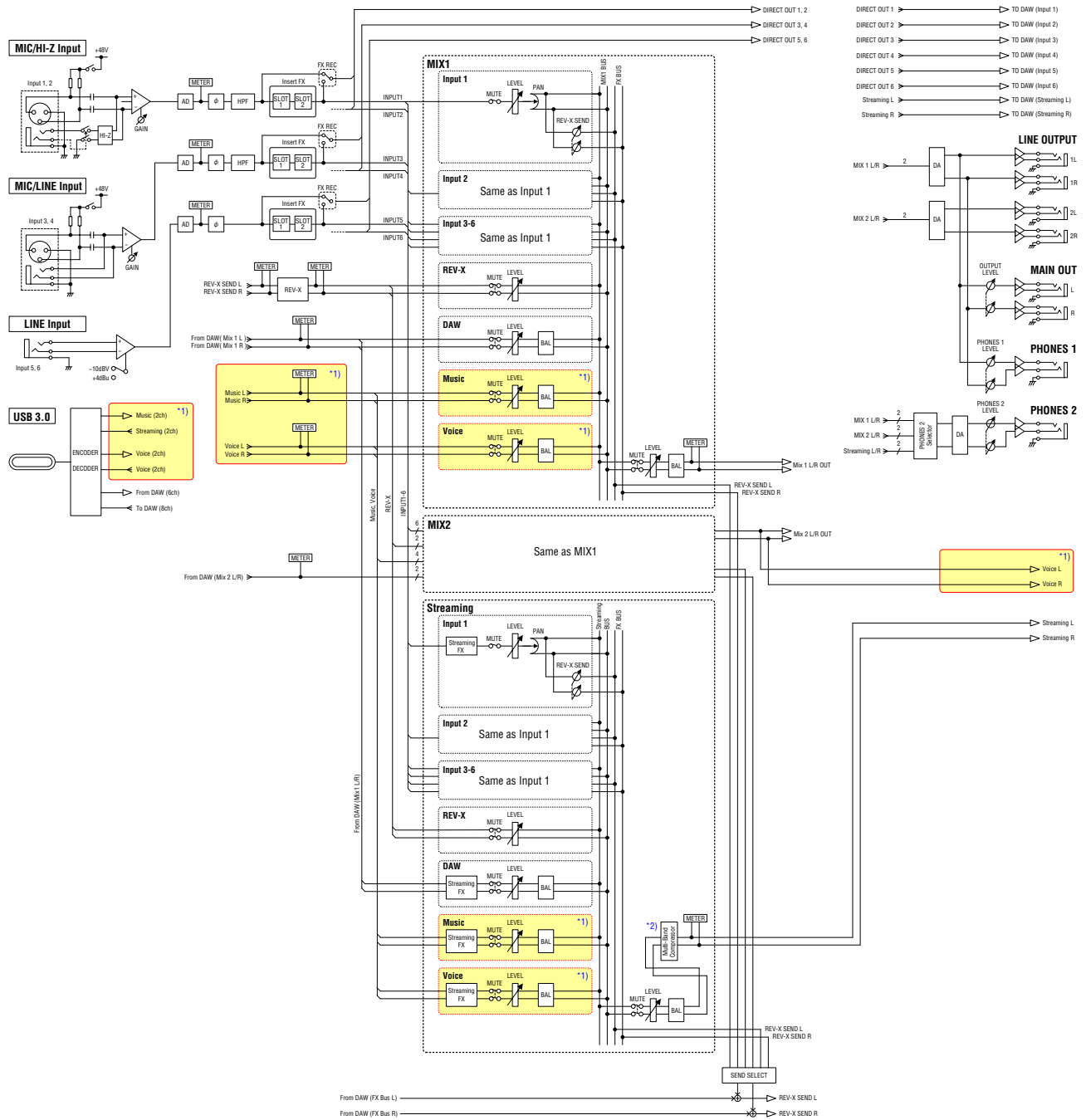
*1) Not available when connecting iPhone or iPad.

*2) Not available when sample rate is 176.4 kHz or 196 kHz.

UR24C



UR44C

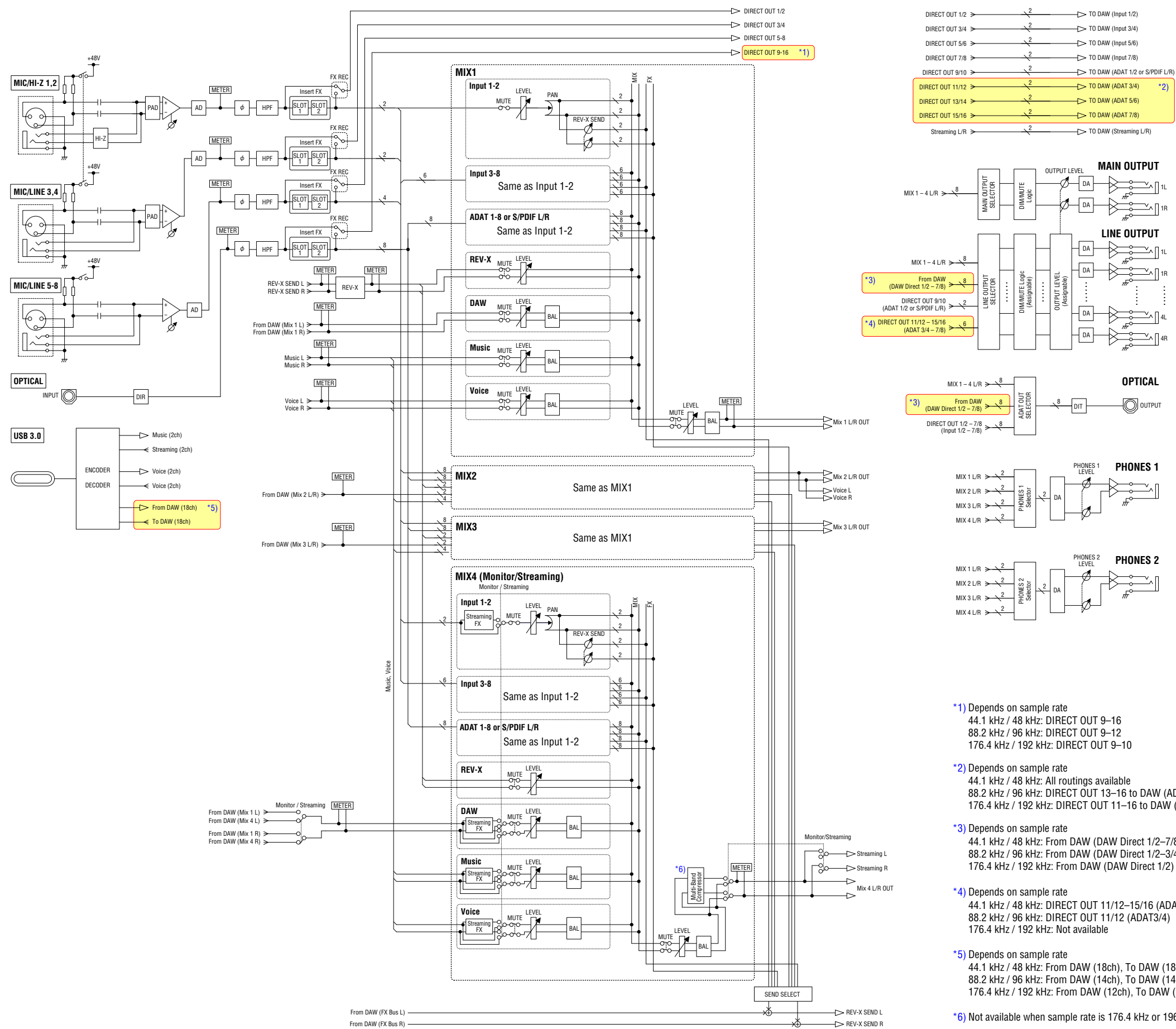


*1) Not available when connecting iPhone or iPad.

*2) Not available when sample rate is 176.4 kHz or 196 kHz.

UR816C

•When connected to a computer (Win/Mac)



*1) Depends on sample rate
44.1 kHz / 48 kHz: DIRECT OUT 9-16
88.2 kHz / 96 kHz: DIRECT OUT 9-12
176.4 kHz / 192 kHz: DIRECT OUT 9-10

*2) Depends on sample rate
44.1 kHz / 48 kHz: All routings available
88.2 kHz / 96 kHz: DIRECT OUT 13-16 to DAW (ADAT5-8) are not available.
176.4 kHz / 192 kHz: DIRECT OUT 11-16 to DAW (ADAT3-8) are not available.

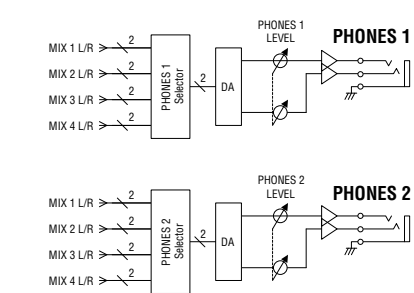
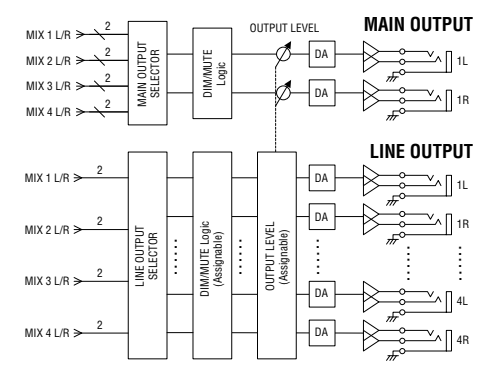
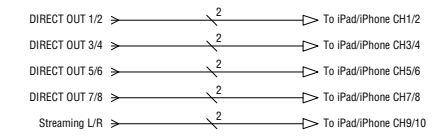
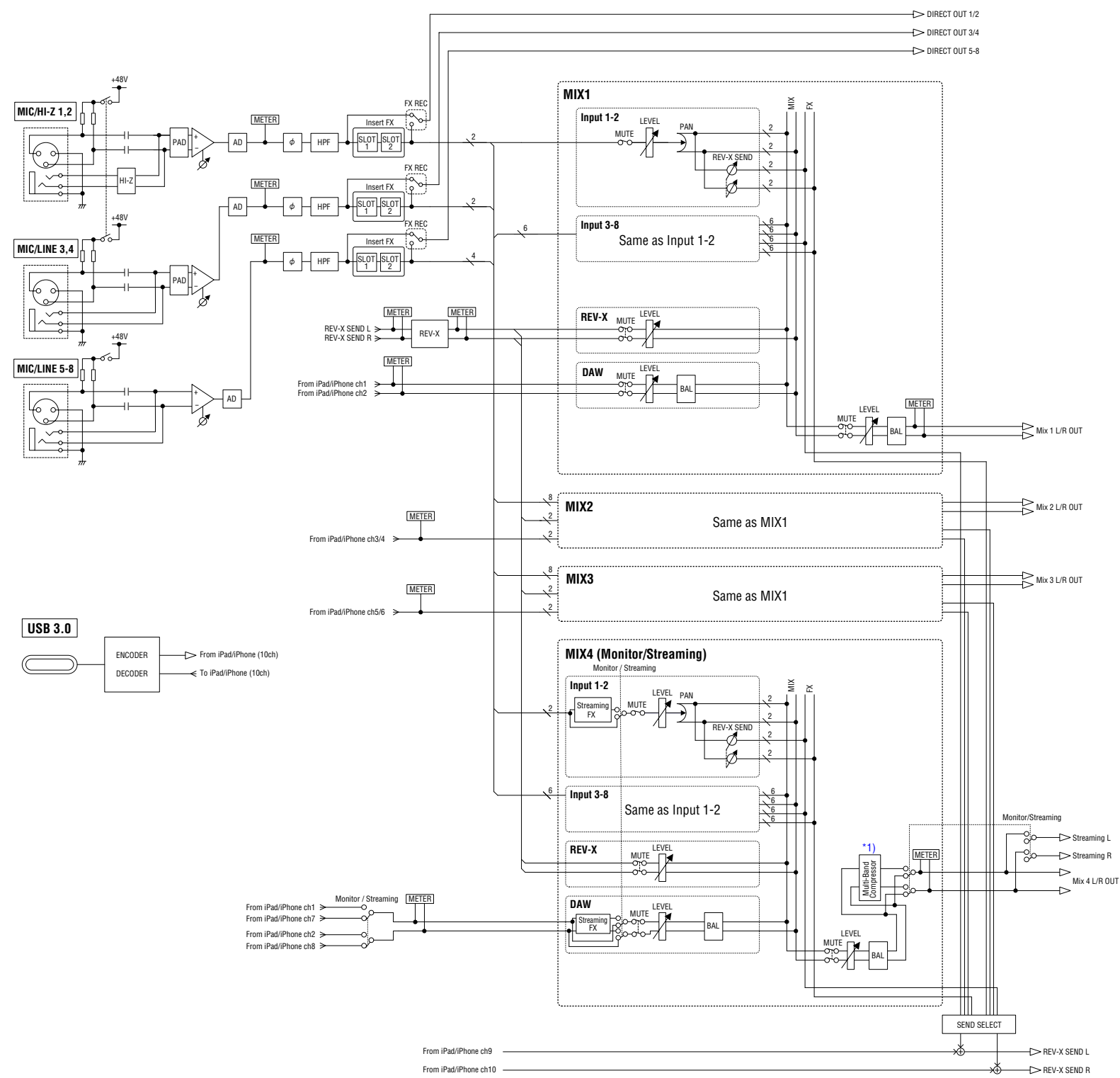
*3) Depends on sample rate
44.1 kHz / 48 kHz: From DAW (DAW Direct 1/2-7/8)
88.2 kHz / 96 kHz: From DAW (DAW Direct 1/2-3/4)
176.4 kHz / 192 kHz: From DAW (DAW Direct 1/2)

*4) Depends on sample rate
44.1 kHz / 48 kHz: DIRECT OUT 11/12-15/16 (ADAT3/4-7/8)
88.2 kHz / 96 kHz: DIRECT OUT 11/12 (ADAT3/4)
176.4 kHz / 192 kHz: Not available

*5) Depends on sample rate
44.1 kHz / 48 kHz: From DAW (18ch), To DAW (18ch)
88.2 kHz / 96 kHz: From DAW (14ch), To DAW (14ch)
176.4 kHz / 192 kHz: From DAW (12ch), To DAW (12ch)

*6) Not available when sample rate is 176.4 kHz or 196 kHz.

•When connected to an iPhone/iPad



*1) Not available when sample rate is 176.4 kHz or 196 kHz.