

## Contents

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Screen Configuration >

Main >

Mixer Setting >

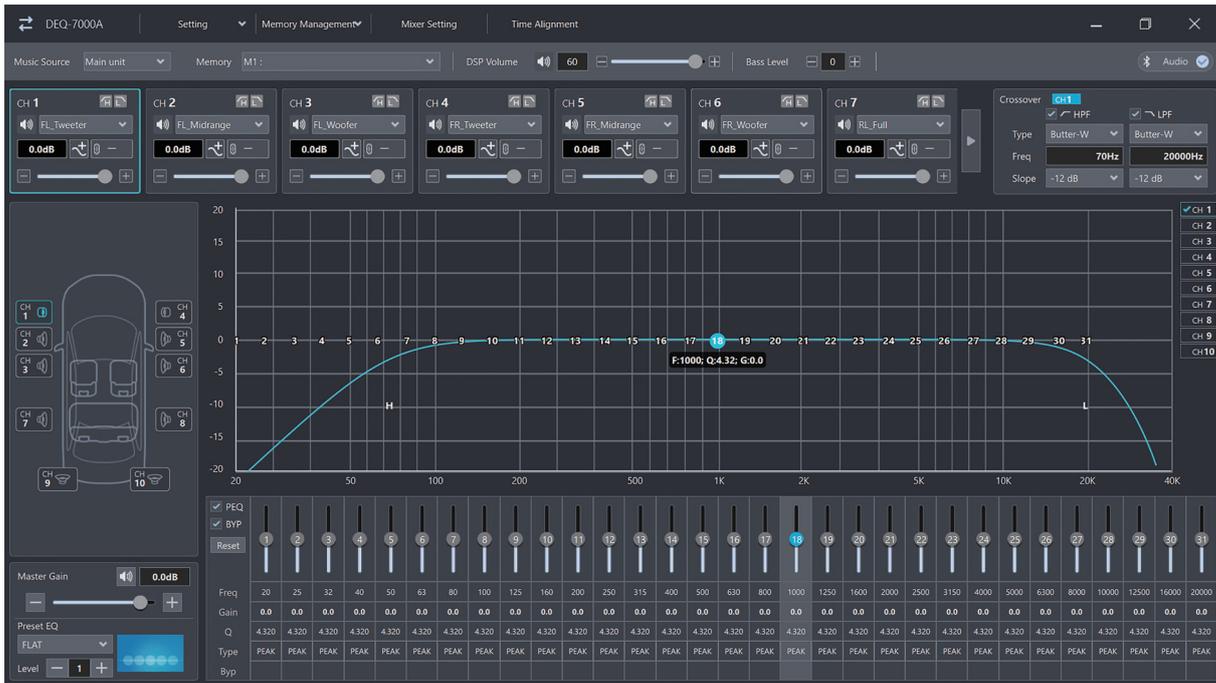
Time Alignment >

Device Setting >

Remote Controller  
(Only for DEQ-7000A) >

# Screen Configuration

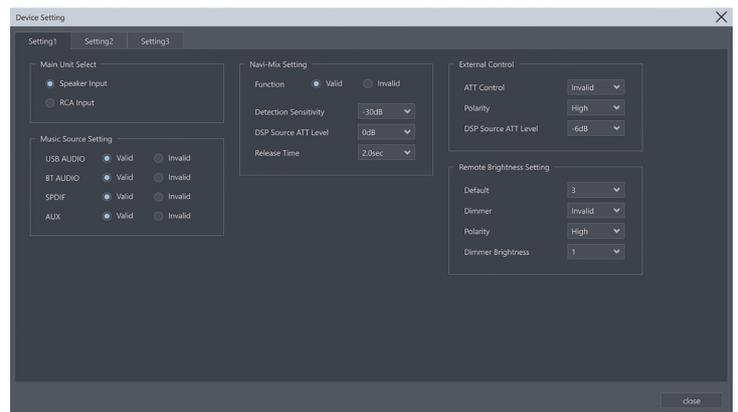
## 【Main】



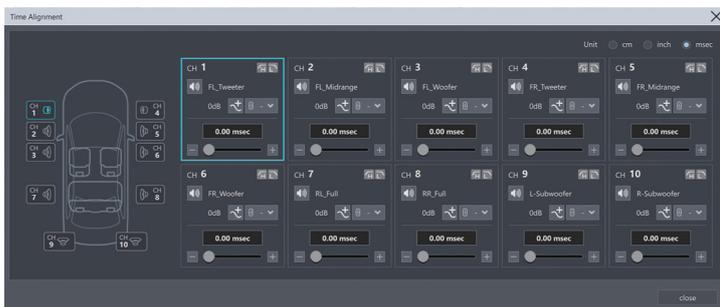
## 【Mixer Setting】 Sub-window 1



## 【Device Setting】 Sub-window 3



## 【Time Alignment】 Sub-window 2



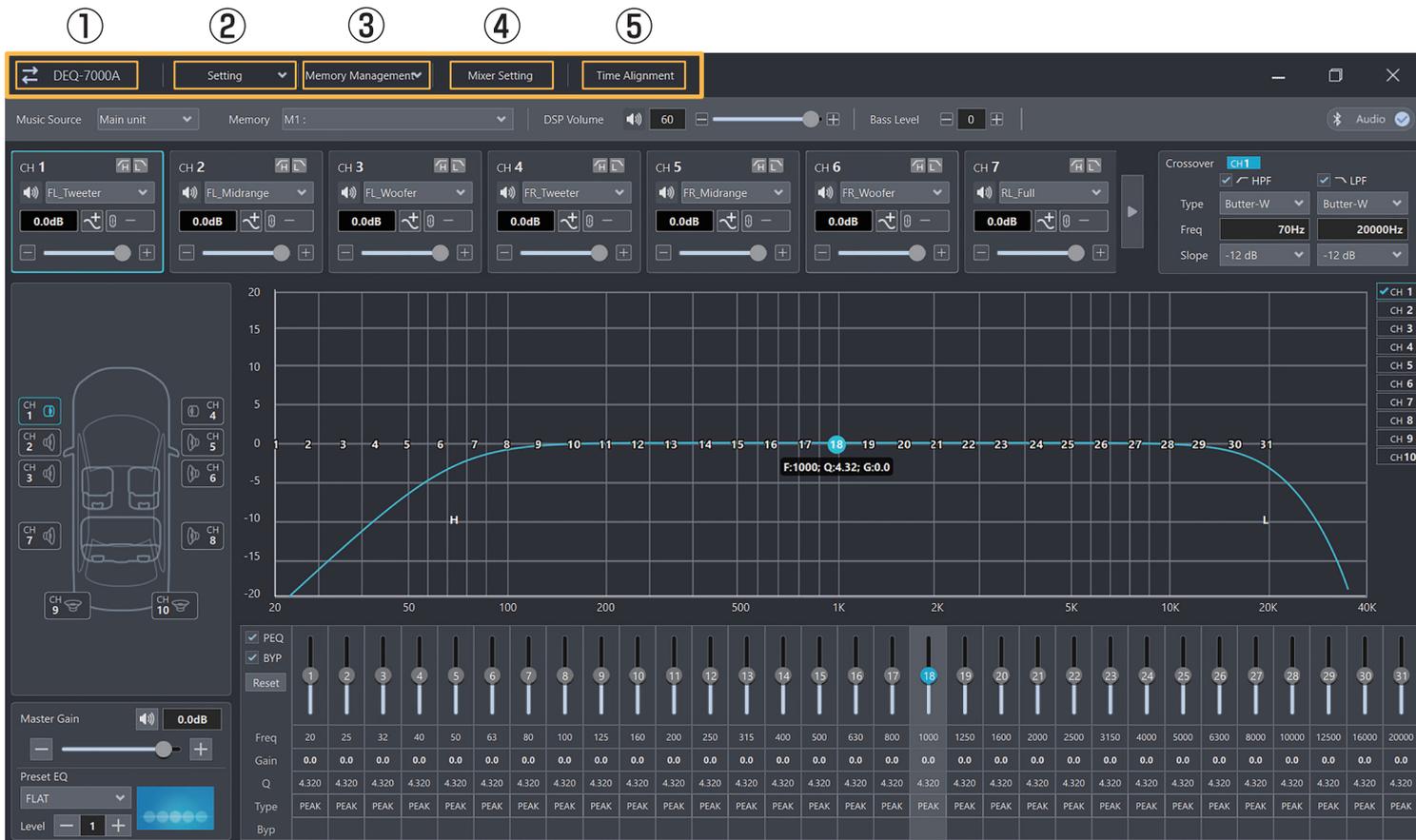
Possible to control an audio effect for each speaker at Main Screen

Realize a sophisticated sound according to adjusting a detailed sound effect on Sub-windows

### Handle with Care

- Download this software into laptop equipment on hand, connect with DEQ-7000A or DEQ-2000A by using the included USB cable
- Do not control this application while driving
- Require a car-audio expertise to maximumly use an adjustment function

# Main

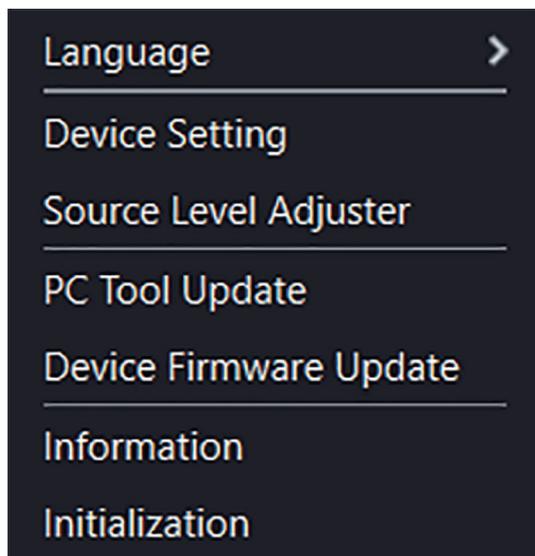


## ① Model

Show Model name what connected

## ② Setting

Tap to open each setting such as Device Setting and Software/Firmware and Bluetooth Audio Device



← Select Japanese or English

← Tap to open Device Setting

← Adjust input level for each source

← Update Software

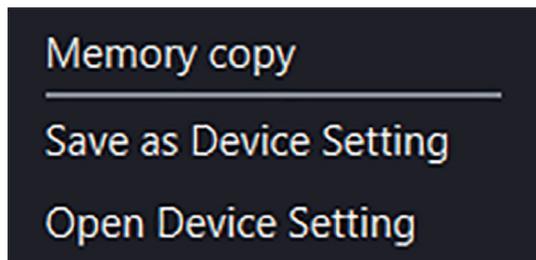
← Update Firmware for DSP-AMP device

← Confirm a version of Software

← Restore factory settings

## ③ Memory

Save and Load Device Setting, and Copy Memory



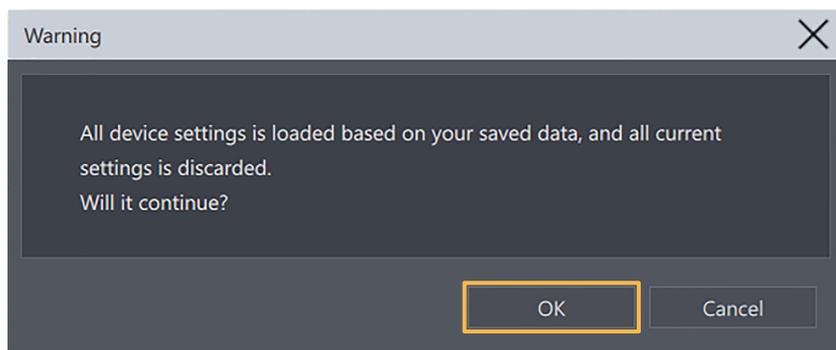
← Copy the selected memory to any other memory

← Save a Device Setting in any local of equipment

← Load and implement a saved Device Setting

## How to Load a Car-Specific Tuning Data

Download a Car-Specific Tuning Data, and Load and implement it into software



Tap [Load Device Setting], Load and Implement any file from file explorer of Laptop

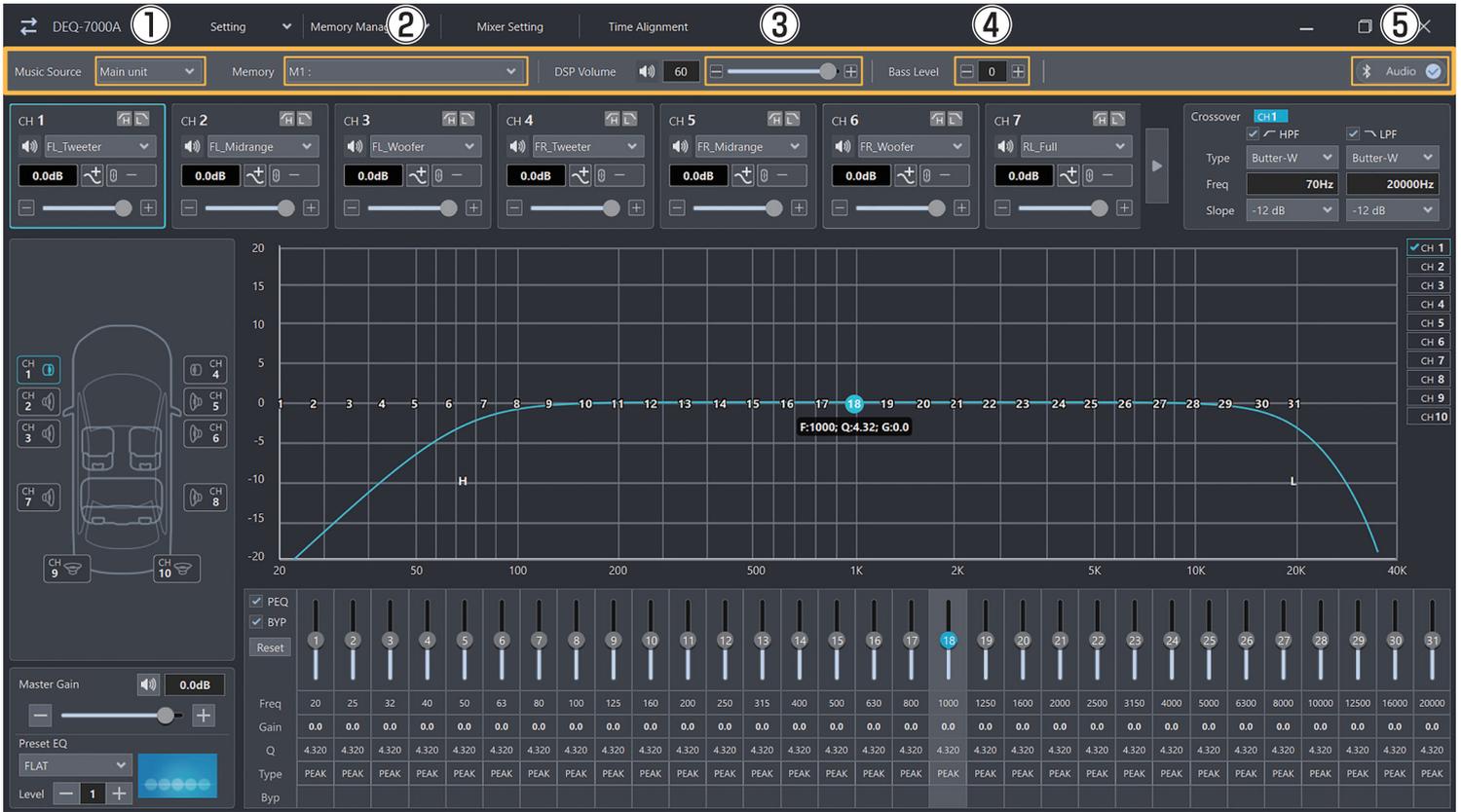
## ④ Mixer Setting

Tap to open Mixer Setting

## ⑤ Time Alignment

Tap to open Time Alignment Setting

# Main



## ① Music Source

Select an enabled Music Source at Music Source Setting in Device Setting

## ② Memory

Select certain memory what reflects settings

Max 6 memories can be set for Main Unit and DSP Source

Possible to adjust detailed settings in "Setting 2" of Device Setting screen

## ③ DSP Volume

Adjust volume of DSP source\*1 what inputted (0 to 62)

## ④ Bass level

Adjust each Bass Level of certain CH what assigned\*3 (-8 to +8)

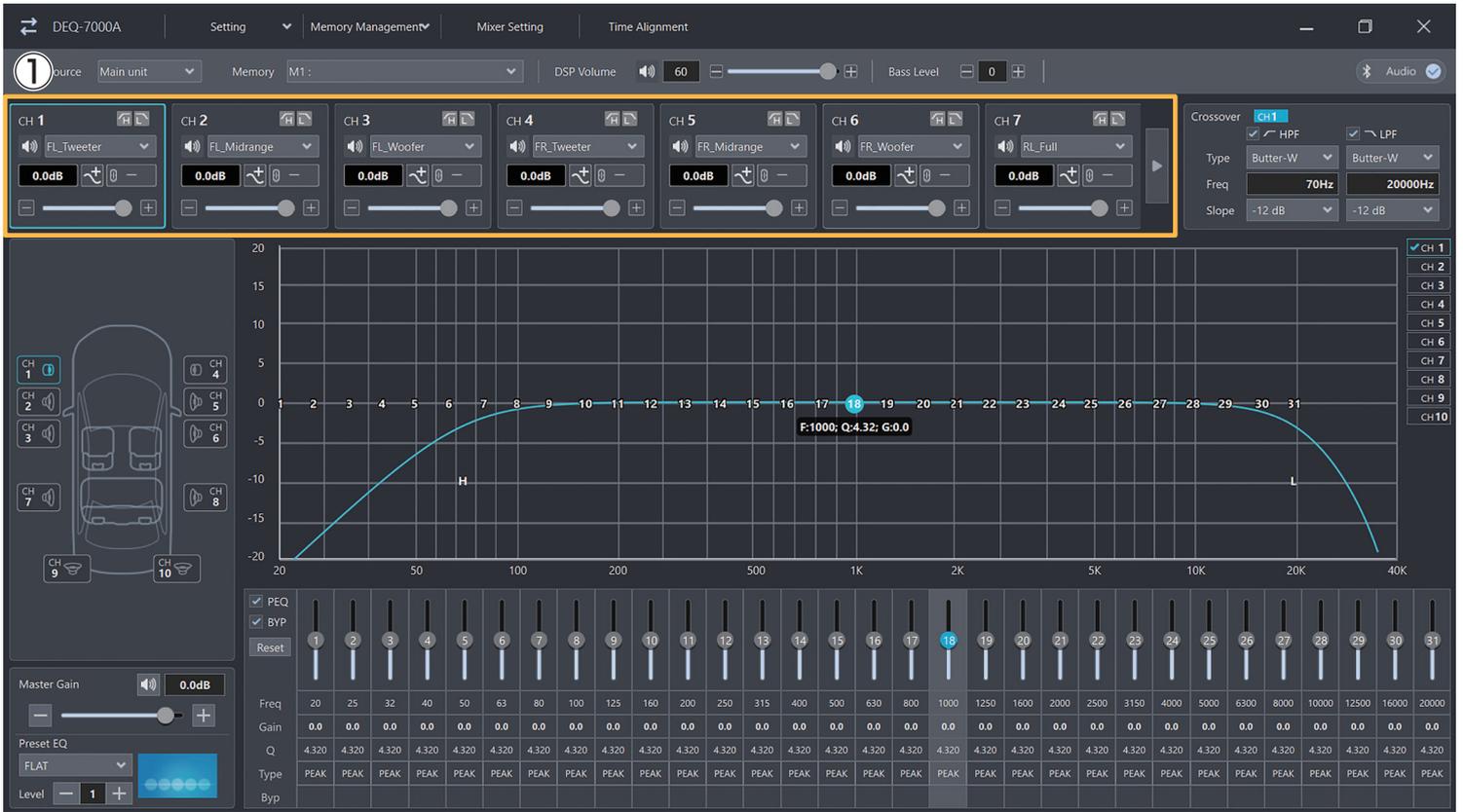
## ⑤ Pairing for Bluetooth Audio

Connection Button for pairing with DSP-AMP device and Bluetooth Audio Device

\* 1 DSP Source stands for outer source such as Bluetooth, USB Audio, SPDIF, AUX\*2 by excluding Main Unit

\* 2 AUX can enable when Speaker Input is selected at Main Unit Selection in Device Setting

\* 3 DEQ-7000A assigns CH9 and CH10 for subwoofer, DEQ-2000A is CH5 and CH6



## ① Channel Setting Table

Control settings for each Output Channel

## ② Crossover filter

Confirm filter settings

## ③ Enable/Disable Output

Select enable/disable for each Output Channel  
The "OFF" selected Output is not activated for sound signal output

## ④ Speaker Select

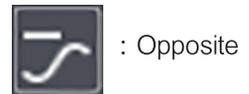
Select an assigned Input Channel

## ⑤ Gain Adjustment

Adjust Gain level for each Output Channel  
Range : -60.0 dB to 0.0 dB

## ⑥ Phase/Opposite Phase

Select the Phase for each Output Channel



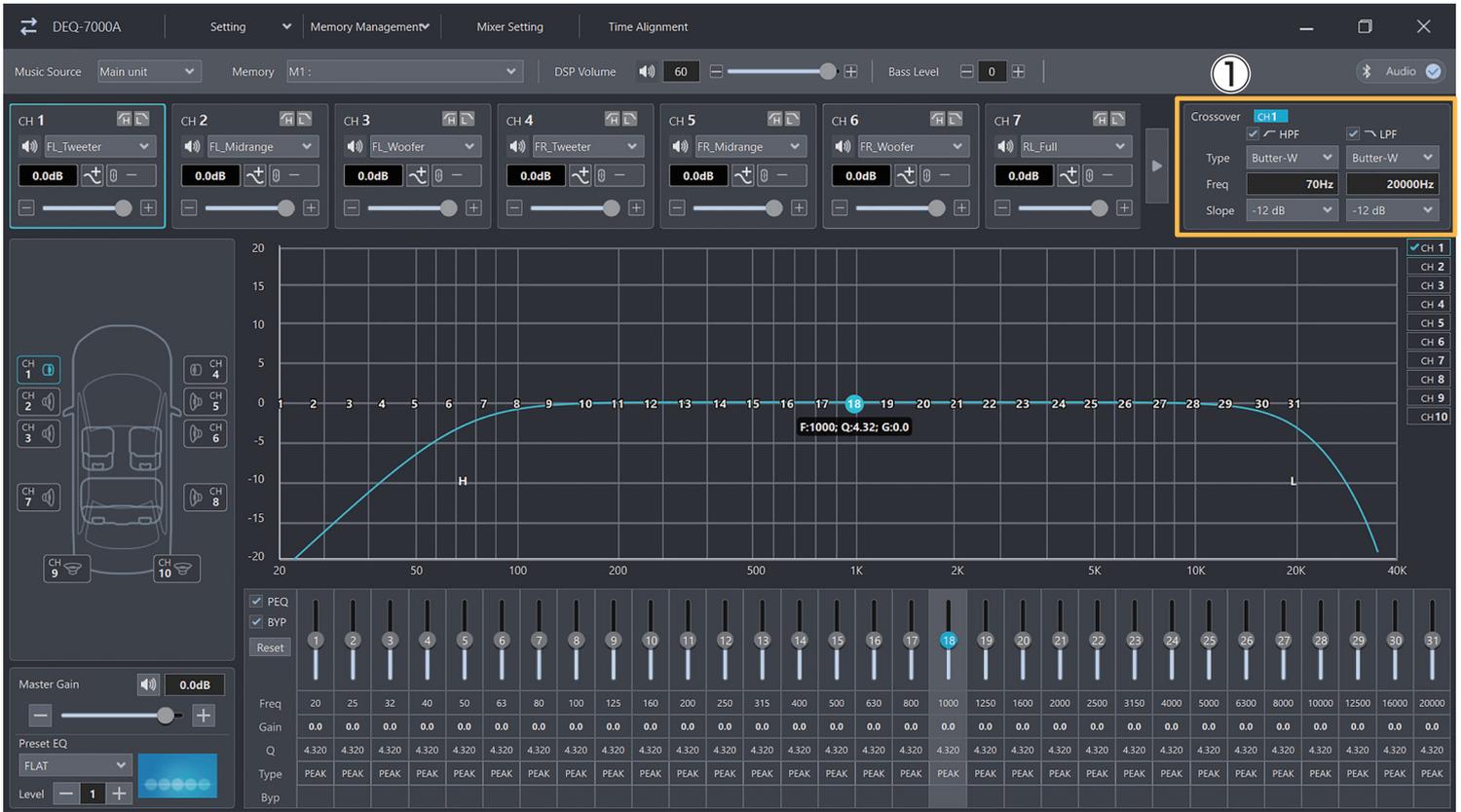
## ⑦ Link

Synchronize the setting same as other Output Channel  
When Synchronized the setting, EQ setting what linked to other CH is copied



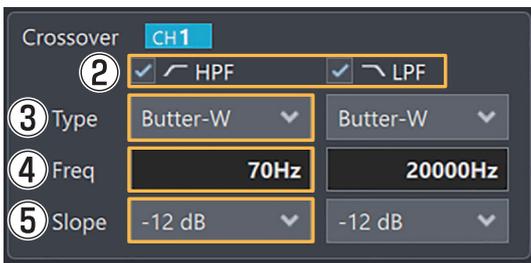
## ⑧ Gain Adjustment Button

Button for slight adjustment



## ① High Pass Filter/Low Pass Filter Table

Control Crossover filter settings



## ② High Pass Filter/Low Pass Filter

Select enable/disable for each filter

## ③ Type of Filter

Select a Filter type

Possible to select 3 options below

[Butterworth, Bessel, Linkwitz-Riley]

## ④ Cut-off frequency

Adjust Cut-off frequency

Range : 20 Hz to 40 kHz

## ⑤ Slope

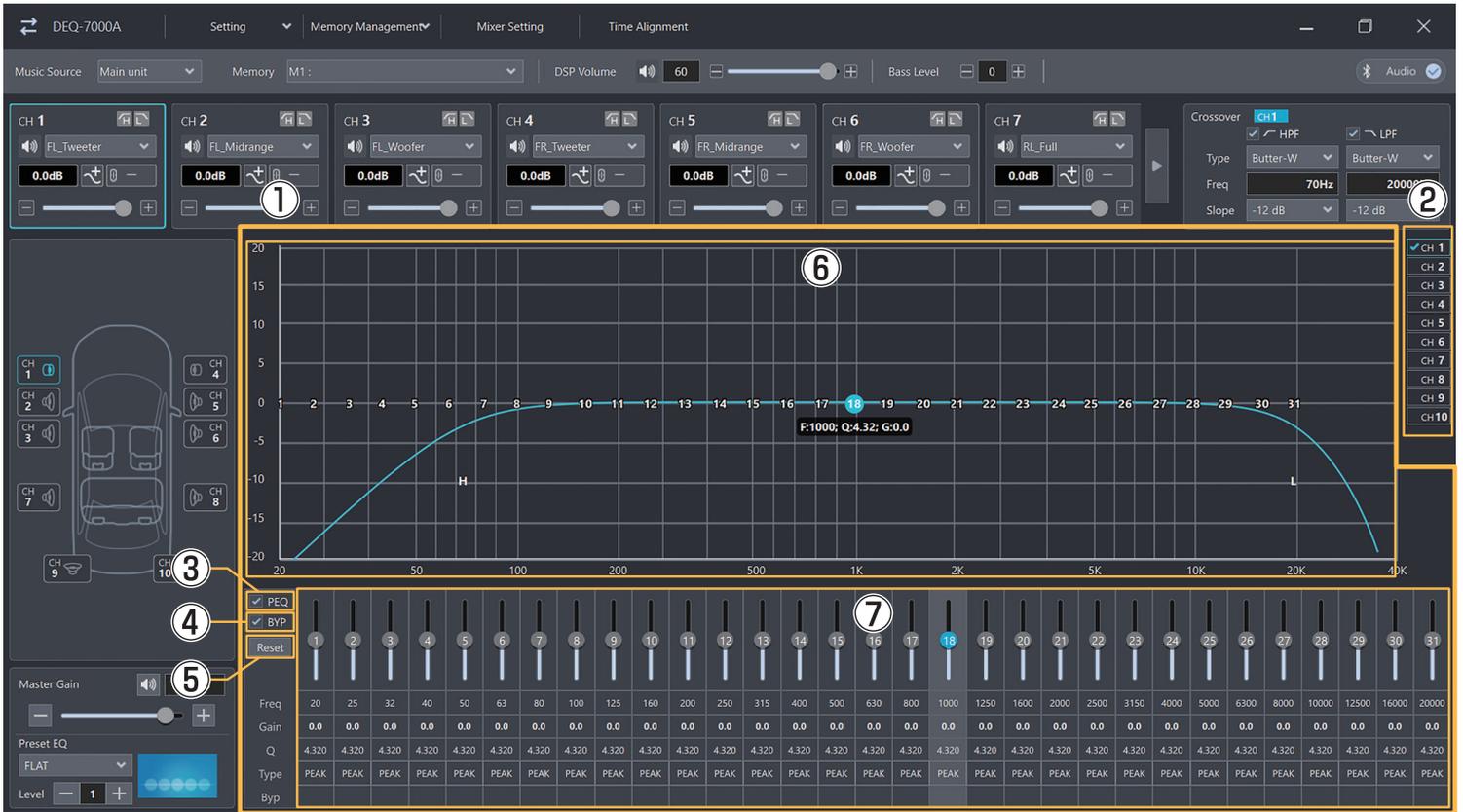
Adjust a Slope of filter

Range :

Butterworth : [-6, -12, -18, -24, -30, -36, -42, -48 dB/Oct]

Bessel : [-6, -12, -18, -24, -30, -36, -42, -48 dB/Oct]

Linkwitz-Riley : [-12, -24, -36, -48 dB/Oct]



## ① Table of EQ Setting

Control EQ Settings and Select a Channel what EQ is adjusted

## ② EQ curve viewer

Select certain CH curve what required on chart

## ③ Parametric EQ enable

Tap PEQ button when Parametric EQ is required  
Default setting is Graphic EQ mode

## ④ Bypass

Select BYP button when temporarily makes EQ setting disable

## ⑤ Reset

Tap Reset button when go back to default

## ⑥ Charts

Each CH curve is shown

## ⑦ Table of EQ setting

Adjust EQ setting for each frequency band

## ■ Table of EQ setting

Adjust EQ setting for each frequency band

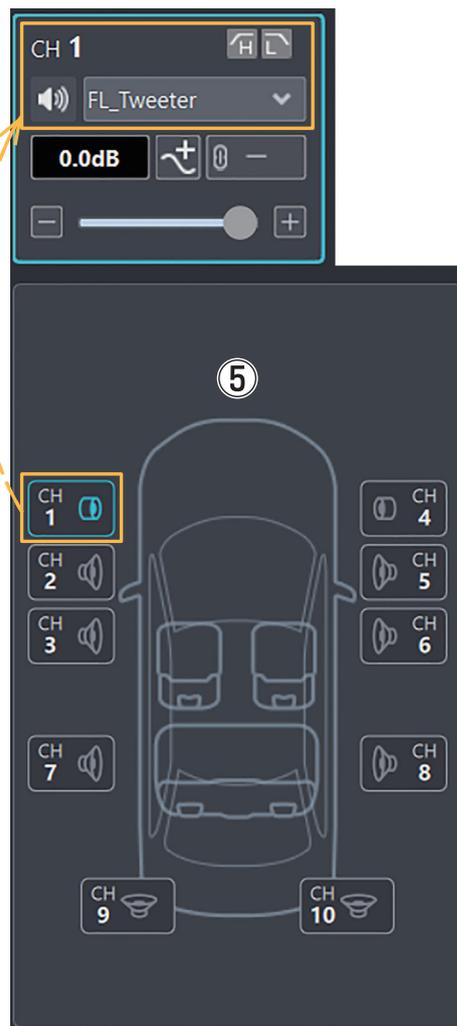
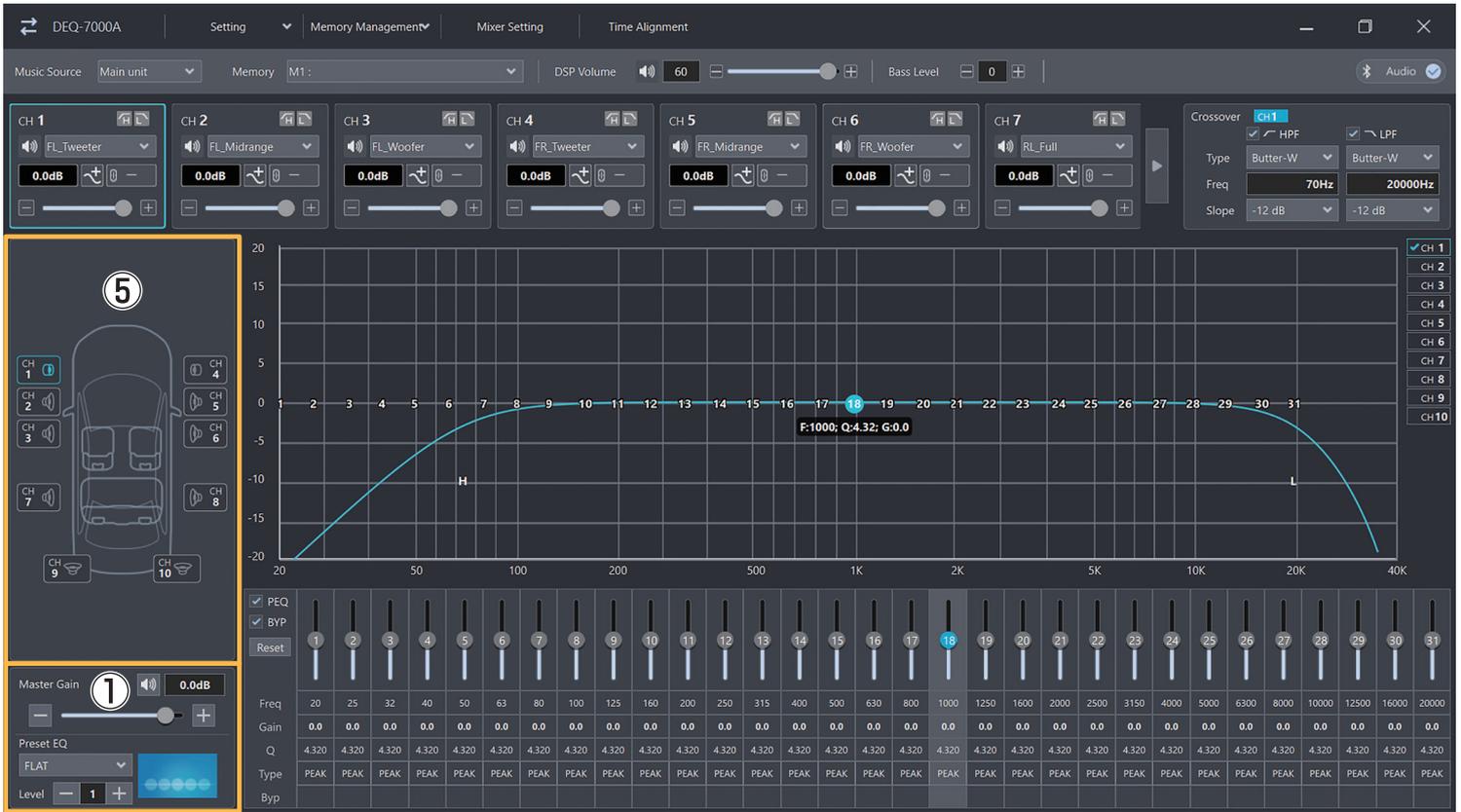
	Band ID No.							
	1	2	3	4	5	6	7	8
Frequency →	20	25	32	40	50	63	80	100
Gain Adjustment →	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Q Unit Setting *1 →	4.320	4.320	4.320	4.320	4.320	4.320	4.320	4.320
PEQ Type *2 →	PEAK	PEAK	PEAK	PEAK	PEAK	PEAK	PEAK	PEAK
Bypass *3 →	→	←						→

\*1 Q Unit can be controllable when Parametric EQ is enable

\*2 Select PEQ Type [PEAK, AP]

\*3 Adjust and Confirm bypass setting for each frequency band

# Main



① **Table of Master Gain and Preset EQ**  
Control Master Gain and Preset EQ

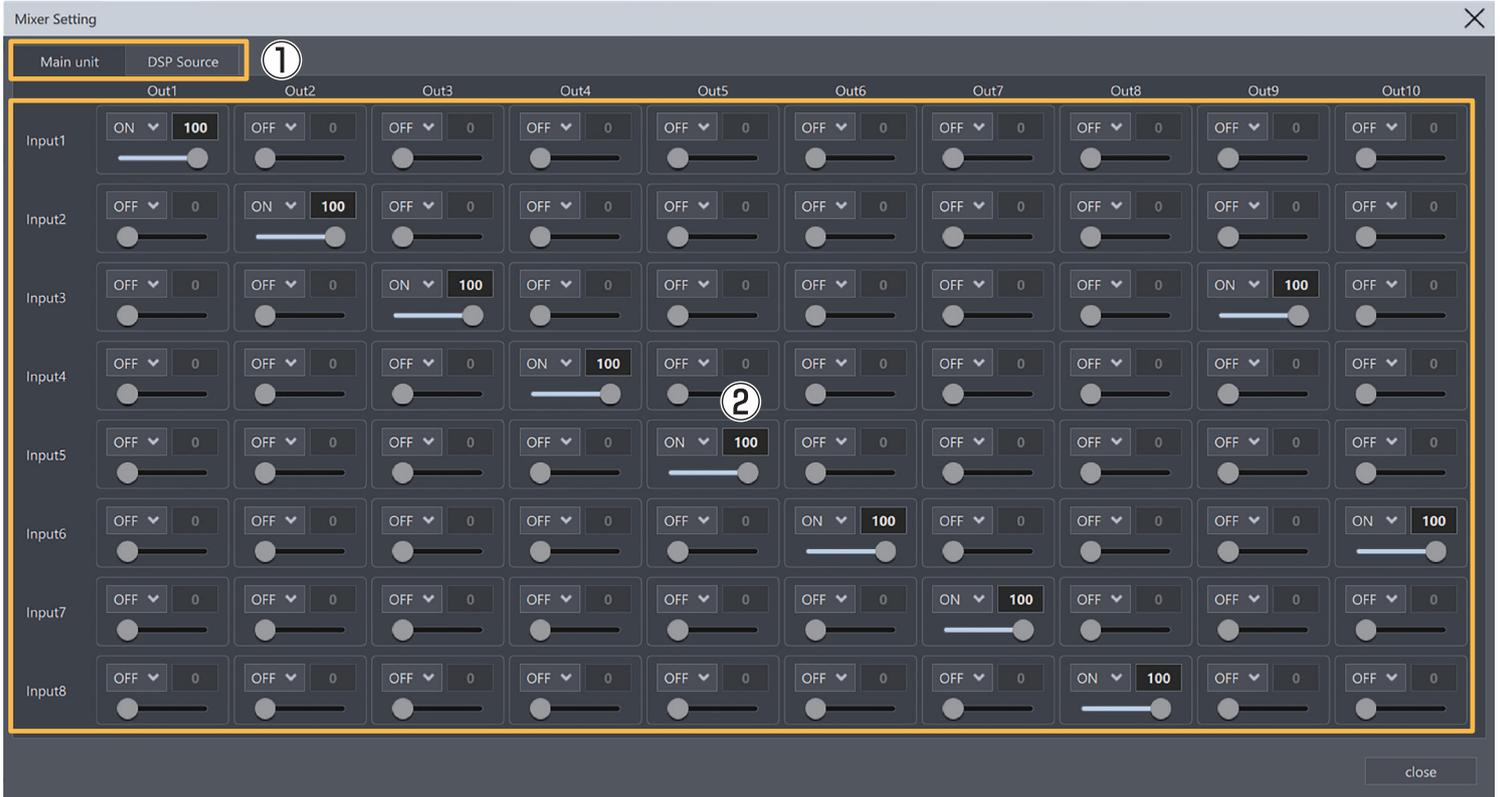
② **Master Gain ON/OFF Button**  
Possible to select Mute at Master Gain (overall gain including Main Unit)

③ **Master Gain Adjust slider and button**  
Adjust Master Gain level

④ **Preset EQ**  
Select and Add sound effect [Flat, S.Bass, Powerful, Vocal, Natural]  
Possible to adjust 5 stages level

⑤ **Overview**  
Check each channel conditions for Speaker Selection

# Mixer Setting

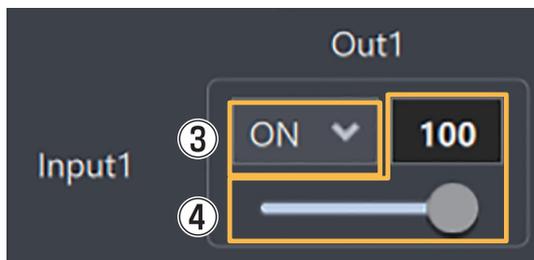


## ① Source Select

Adjust Mixer Setting for Main Unit and DSP Source on each tabs

## ② Mixer Setting

Assign Input CH for each Output Channel



## ③ Input Signal Setting

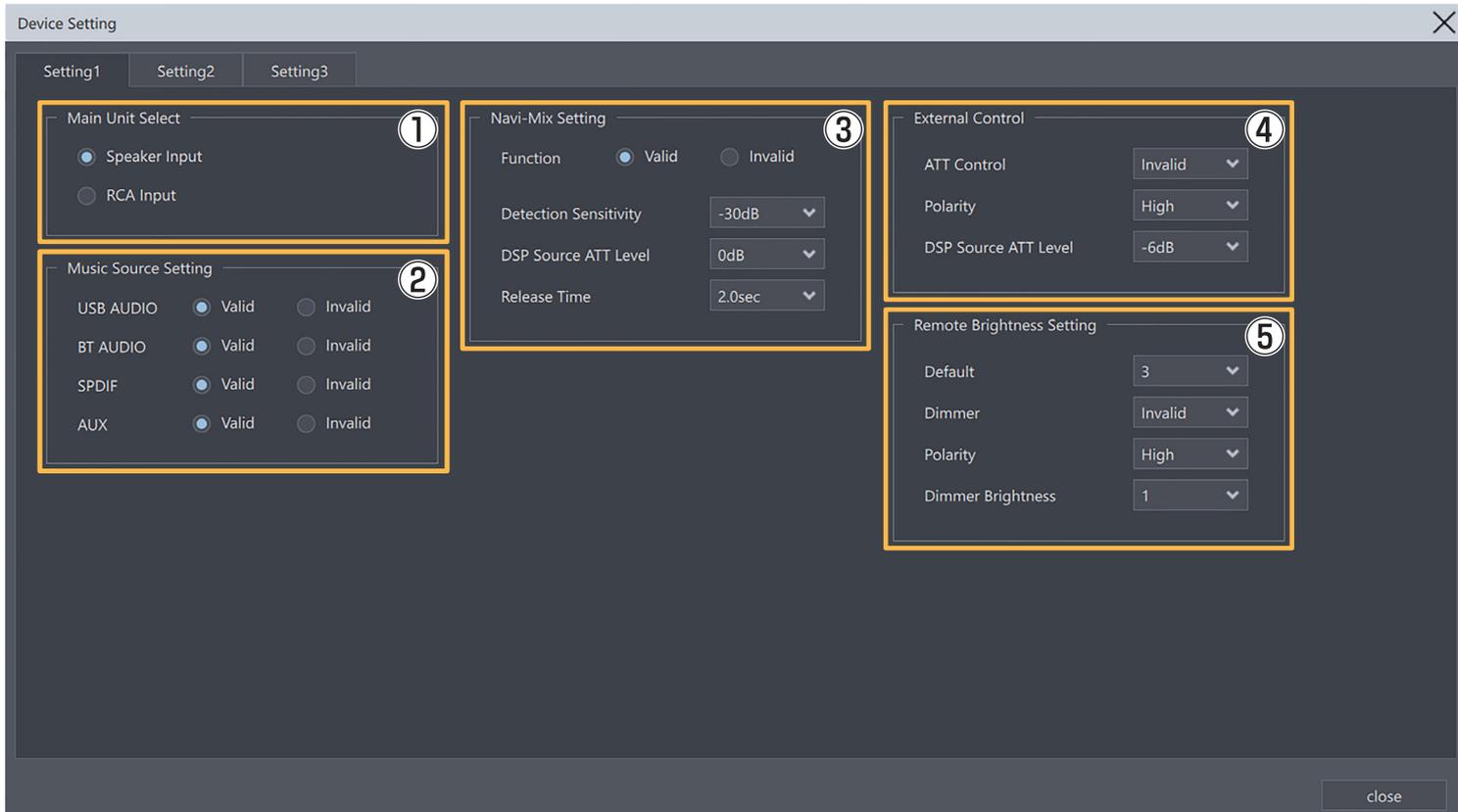
Enable an assigned Input Channel

## ④ Mixer Level adjustment

Adjust a Mixer level of assigned input signal  
Range : 0 to 100



# Device Setting (Setting 1)



## ① Main Unit Select

Select Main Unit signal as Input method

## ② DSP Source Setting

Select enable/disable for each DSP source\*1 \*2 and Bluetooth Audio Device

## ③ Navi-mix Setting

Adjust some functions below

- Select enable/disable for Navi-Mix function
- Detection Sensitivity for Main Unit
- DSP Source ATT Level
- Release Time\*3

## ④ External Control

Adjust Attenuate Level and enable/disable. Possible to use this function when the included Mute wiring (Yellow/Black) is connected control signal line (vehicle back signals, etc.)

## ⑤ Remote Controller Setting (Only for DEQ-7000A)

Possible to use a dimmer function when the included illumination wiring (Orange/White) is connected control signal line (illumination power supply, etc.)

- \* 1 The "OFF" selected Music Source doesn't show that source on Music Source Select  
DEQ-7000A is compatible with USB AUDIO/BT AUDIO/SPDIF/AUX, DEQ-2000A is with BT AUDIO/AUX.  
The "OFF" selected Music Source is skipped when selecting Music Source at DEQ-7000A remote controller
- \* 2 RCA input terminal (CH1,CH2) can be used to AUX what is external analog input if select "Speaker Input" at Main unit Select  
In this case, the RCA input terminals (CH3, CH4) will be disabled  
If select "RCA Input", AUX can not be used
- \* 3 When Navi-mix function enable, Adjust Attenuate duration starting from when Navi signal is not detected

# Device Setting (Setting 2)

Device Setting ✕

Setting1 **Setting2**

**Memory Setting** ①

Main Unit Memory

No.	Valid / Invalid	Comment
M1	<input type="radio"/> Valid <input type="radio"/> Invalid	M1 (Selected)
M2	<input checked="" type="radio"/> Valid <input type="radio"/> Invalid	Compact
M3	<input checked="" type="radio"/> Valid <input type="radio"/> Invalid	Hatchback
M4	<input checked="" type="radio"/> Valid <input type="radio"/> Invalid	Sedan
M5	<input checked="" type="radio"/> Valid <input type="radio"/> Invalid	SUV
M6	<input checked="" type="radio"/> Valid <input type="radio"/> Invalid	VAN

**DSP Source Memory** ②

No.	Valid / Invalid	Comment
S1	<input type="radio"/> Valid <input type="radio"/> Invalid	S1
S2	<input type="radio"/> Valid <input checked="" type="radio"/> Invalid	- - -
S3	<input type="radio"/> Valid <input checked="" type="radio"/> Invalid	- - -
S4	<input type="radio"/> Valid <input checked="" type="radio"/> Invalid	- - -
S5	<input type="radio"/> Valid <input checked="" type="radio"/> Invalid	- - -
S6	<input type="radio"/> Valid <input checked="" type="radio"/> Invalid	- - -

Close

## ① Main Unit Memory

- Select Memory enable/disable for Main Unit
- Max 6 Memories can be set
- Possible to fill any comment for each Memory

## ② DSP Source Memory

- Select Memory enable/disable for DSP source
- Max 6 Memories can be set
- Possible to fill any comment for each Memory

# Device Setting (Setting 3, Only for DEQ-7000A)

Device Setting

Setting1 Setting2 Setting3

Remote Mode

Default

Short Cut mode

Short Cut Setting

NO.	Music Source	Memory	NO.	Music Source	Memory
1	Main unit	M1:M1	6	---	---
2	---	---	7	---	---
3	---	---	8	---	---
4	---	---	9	---	---
5	---	---	10	---	---

Memory Status

Main Unit Memory			DSP Source Memory		
NO.	Valid/Invalid	Comment	NO.	Valid/Invalid	Comment
M1	Valid	M1	S1	Valid	S1
M2	Valid	M2	S2	Valid	S2
M3	Valid	M3	S3	Valid	S3
M4	Valid	M4	S4	Valid	S4
M5	Valid	M5	S5	Valid	S5
M6	Valid	M6	S6	Valid	S6

close

## ① Mode of Remote Controller

Select an operation mode which are Normal or Short-cut \*1 for Remote Controller

## ② Short-cut Setting

Set a shown Main Unit Memory and DSP Source Memory when enables Short-cut operation

\* 1 Short-cut operation : Combinate with Any Music Source and Any Memory Setting

Create a combination with Any Music Source and Any Memory Setting, and both settings can be simultaneously shifted

# Remote Controller (Only for DEQ-7000A)



- ① **Segment Display**  
Show DSP Source volume and Memory number
- ② **Indicator (Power/Each Mode)**  
Light up current operation mode
- ③ **Rotary Encoder**  
Used for various operation
- ④ **Pairing for Bluetooth Audio**  
Connection Button for pairing with DSP-AMP device and Bluetooth Audio Device

## ■ Operation for Rotary Encoder

Shift an operation mode each time presses  
[VOL → SRC → MEM → BASS → (Back to) VOL]

## ■ DSP Volume

Adjust volume of DSP Source if "VOL" is selected

## ■ Music Source

Select Music Source if "SRC" is selected  
[M/U → Bluetooth → SPDIF → USB Audio → RCA\*1 → (Back to) M/U]

\* 1 RCA can enable when Speaker Input is selected at Main Unit Selection in Device Setting  
RCA is skipped if AUX input is disable

## ■ Memory Select

Select Memory if "MEM" is selected

## ■ Bass Level

Adjust Bass Level if "BASS" is selected

## ■ Pairing mode for Bluetooth Audio device

Tap to shift the pairing mode Bluetooth. Please connect to DSP-AMP by selecting "Pioneer DEQ-7000A Aud" from Bluetooth Audio Device

\*Blue light LED is flashing in pairing process, and steady in connected

## ■ Short-cut operation

If Remote Controller Mode becomes Short-cut Mode in Device Setting, Tap of Rotary Encoder becomes short-cut operation and shifts to Source and Memory combination at the number What set in Short-cut Setting

[VOL → Short-cut Setting Number → BASS → (Back to) VOL]

◀ Contents