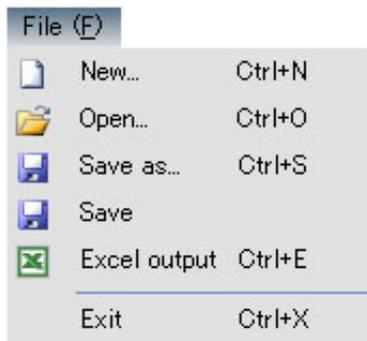


Software of Mirror Station®

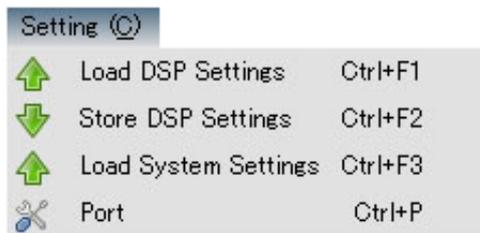
■ MENU

1. File

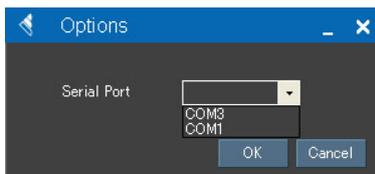


- New : New adjustment.
 - Open : Opens the existing file.
Displays a dialog box for specifying a data file to read.
 - Save as : Displays a dialog box for specifying where to save a data file.
 - Save : Overwrites a data file.
 - Excel output : Saves a data file as an Excel file.
-
- Exit : Terminates the software.

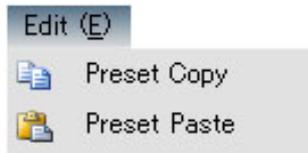
2. Setting



- Load DSP Settings : Loads the Xover-Time Alignment data and Equalizer data which are set up on the computer to the Mirror Station.
- Store DSP Settings : Stores the Xover-Time Alignment data and Equalizer data of the Mirror Station to the computer.
- Load System Settings : Loads the Installation data and System Information data to the Mirror Station.
- Port : Displays a dialog box for specifying a COM(communication) port. When more than 2 COM ports are displayed, select the port of larger number.(in case of the diagram shown to the right, choose COM3)



3. Edit



- Preset Copy : Copies the selected preset data.
- Preset Paste : Pastes the copied preset data on another preset.

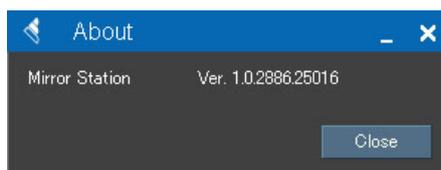
4. Preset 1

Choose one from 5 Preset data.



5. About

Displays a version of the software.



Installation

- *1
- USE Use a passive network
 - Bi-AMP Use passive networks in bi-amplification
 - NONE No passive network is used

- *2
- RIGHT Car with right-steering
 - LEFT Car with left-steering

- *3
- NO Not using
 - YES Using

- *4 Load data of the Installation and the System Information to Mirror Station.

System Information

The screenshot shows the 'System Information' tab in the Mirror Station software. The interface is organized into several sections:

- TW (Tweeter) Section:**
 - ENCLOSURE: CUP, G-50, NONE (*1)
 - POSITION: A PILLAR, SIDE MIRROR, UPPER DOOR, OHTER (*2)
 - DISTANCE L: from TW to the left ear, cm; R: from TW to the right ear, cm (*3)
 - ANGLE L: 0°, -15°, -30°, -45°, -60°, -75°, -90°; R: 0°, 15°, 30°, 45°, 60°, 75°, 90°
 - DIRECTION: L (0°, 45°, 90°, 135°, 180°, 225°, 270°, 315°); R (0°, -45°, -90°, -135°, -180°, -225°, -270°, -315°)
- MW (Midrange) Section:**
 - BAFFLE: FREE AIR, ENCLOSURE, SHIELD, VENT (*4)
 - DISTANCE L: from MW to the left ear, cm; R: from MW to the right ear, cm (*6)
 - DIRECTION: L (0°, -22.5°, -45°, -90°); R (0°, 22.5°, 45°, 90°)
- SW (Subwoofer) Section:**
 - BAFFLE: FREE AIR, ENCLOSURE, SHIELD, VENT (*7)
- CABLE Section:**
 - POWER CABLE, SP CABLE TW, MW, SW, RCA CABLE, DIGITAL CABLE (each with Brand name, Model name, Cable size)
- CHECK Section:**
 - SP OUTPUT: L, R for TW, MW, SW (*9)
 - PHASE CHECK: OK for TW, MW, SW (*10)
 - AMPLIFIER GAIN: L, R for TW, MW, SW (%), (*11)
 - AUDIO REGULATOR: NONE, USE (output voltage V) (*13)
 - SYSTEM NOISE: NONE (*14, *12)
 - IMPEDANCE: L, R for TW, MW, SW (*15)

*1 **TW/ENCLOSURE** : Choose the installation method.

- CUP Attached enclosure
- G-50 G-50
- NONE Free air

*2 **TW/POSITION** : Choose the installation location.

*3 **MW/DISTANCE** : Input the distance between the TW and the ears (L: Left, R: Right).

*4 **MW/BAFFLE** : Choose the installation method from Free air or Enclosure.
With the Enclosure, choose Sealed type or Bass-reflex type.

*5 **MW/BAFFLE/ENCLOSURE**

: Input a port length and port diameter of the enclosure. (With the sealed enclosure, input only a capacity.)

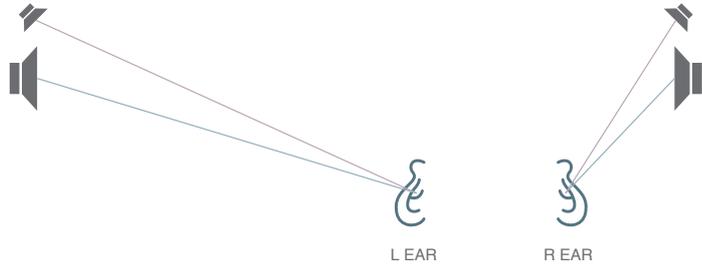
- *6 MW/DISTANCE** : Input the distance between the MW and the ears (L: Left, R: Right).
- *7 SW/BAFFLE** : Choose the installation method from Free air or Enclosure.
With the Enclosure, choose Sealed type or Bass-reflex type.
- *8 SW/BAFFLE/ENCLOSURE**
: Input a port length and port diameter of the enclosure. (With the sealed enclosure, input only a capacity.)
- *9 SP OUTPUT** : With SP OUTPUT, click each unit's box which succeeded in the output test.
- *10 PHASE CHECK** : With PHASE CHECK, click each unit's box which succeeded in the phase test.
- *11 AMPLIFIER GAIN** : Input the gain levels of the amplifier's channels.
- *12 AUDIO REGULATOR** : Click "USE" when using an audio regulator. Click "NONE" when not using an audio regulator.
- *13** Input the which is set for the audio regulator.
- *14 SYSTEM NOISE** : Click "NONE" when no noise is detected.
- *15 IMPEDANCE** : Click each unit's box which succeeded in the impedance measurement by SIEG.

Speaker installation chart - System Information -

< DISTANCE >

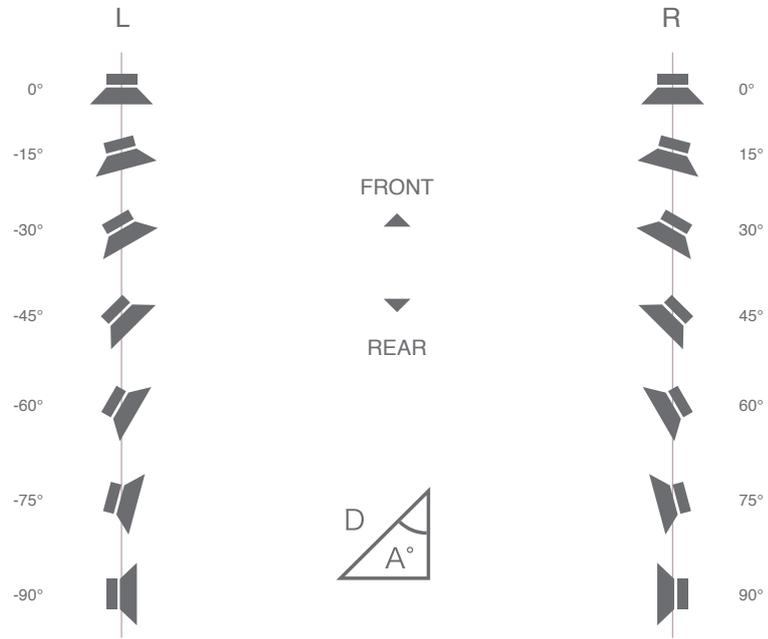
TW

MW



< ANGLE >

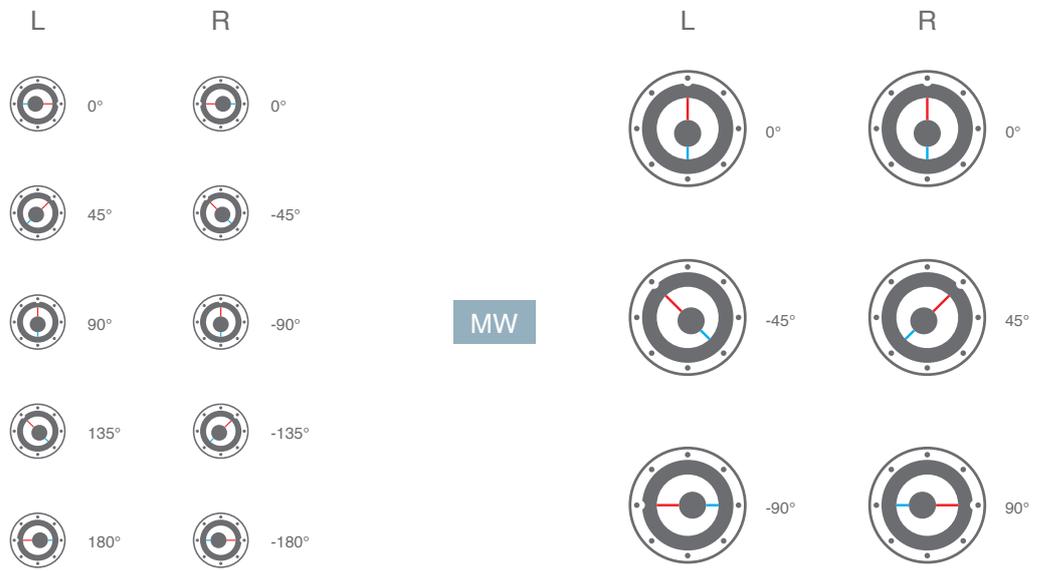
TW



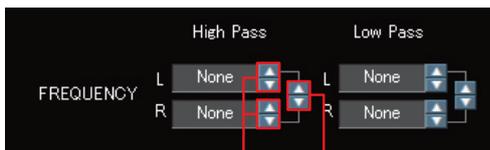
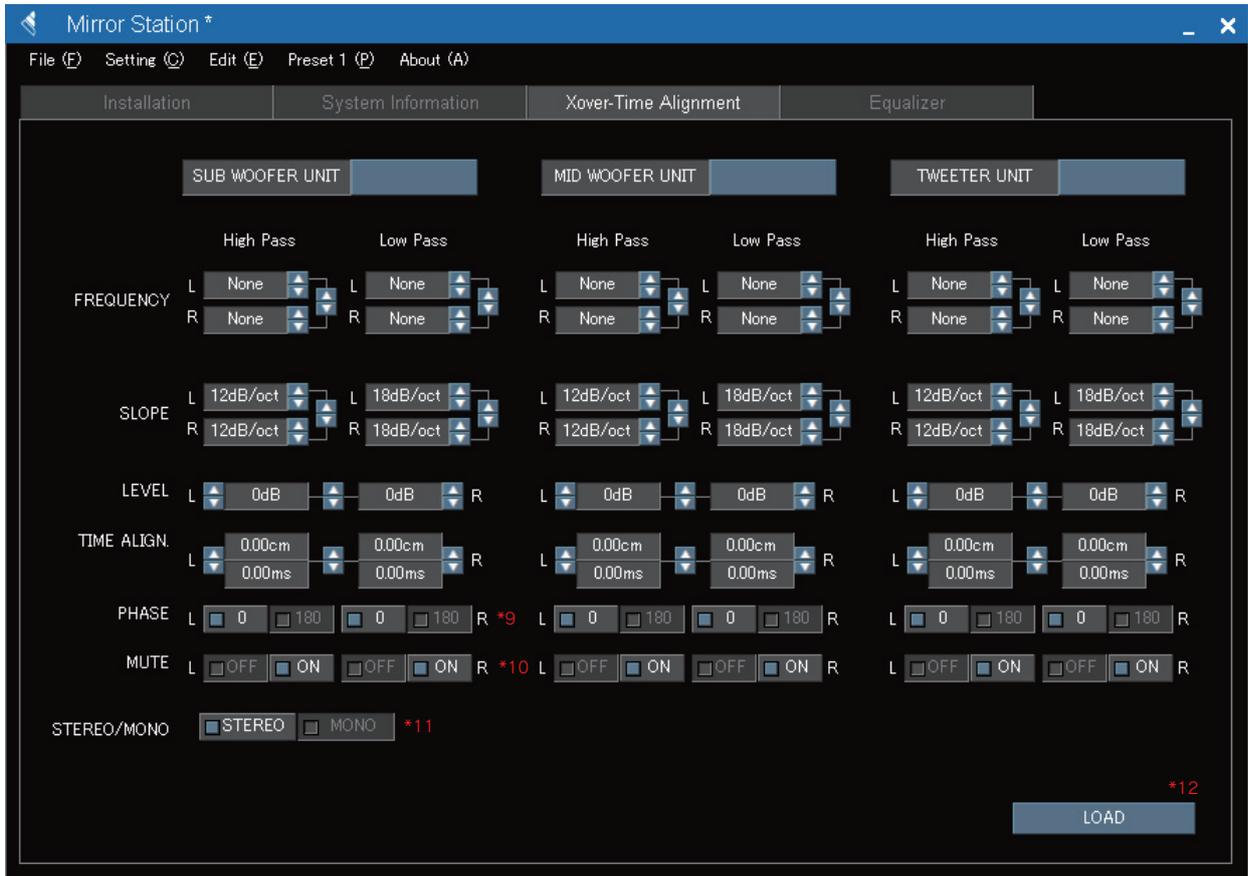
< DIRECTION >

TW

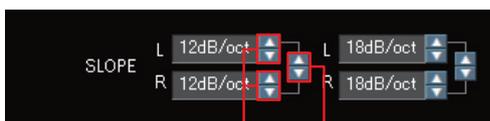
MW



Xover-Time Alignment



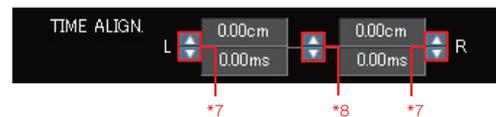
- *1 Choose the Cut-off frequency for each L and R of High and Low Pass.
- *2 Choose the Cut-off frequency for High and Low Pass.



- *3 Choose the Cut-off slope for each L and R of High and Low Pass.
- *4 Choose the Cut-off slope for High and Low Pass.



- *5 Choose the level for each L and R.
- *6 Choose the level.



- *7 Choose the distance between the unit and an ear for each L and R.
- *8 Choose both L and R distances between the unit and ear.

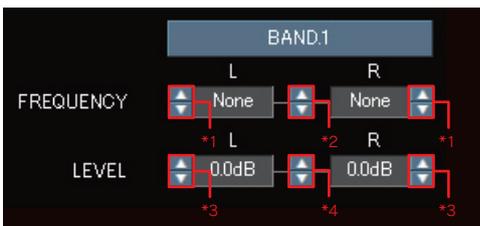
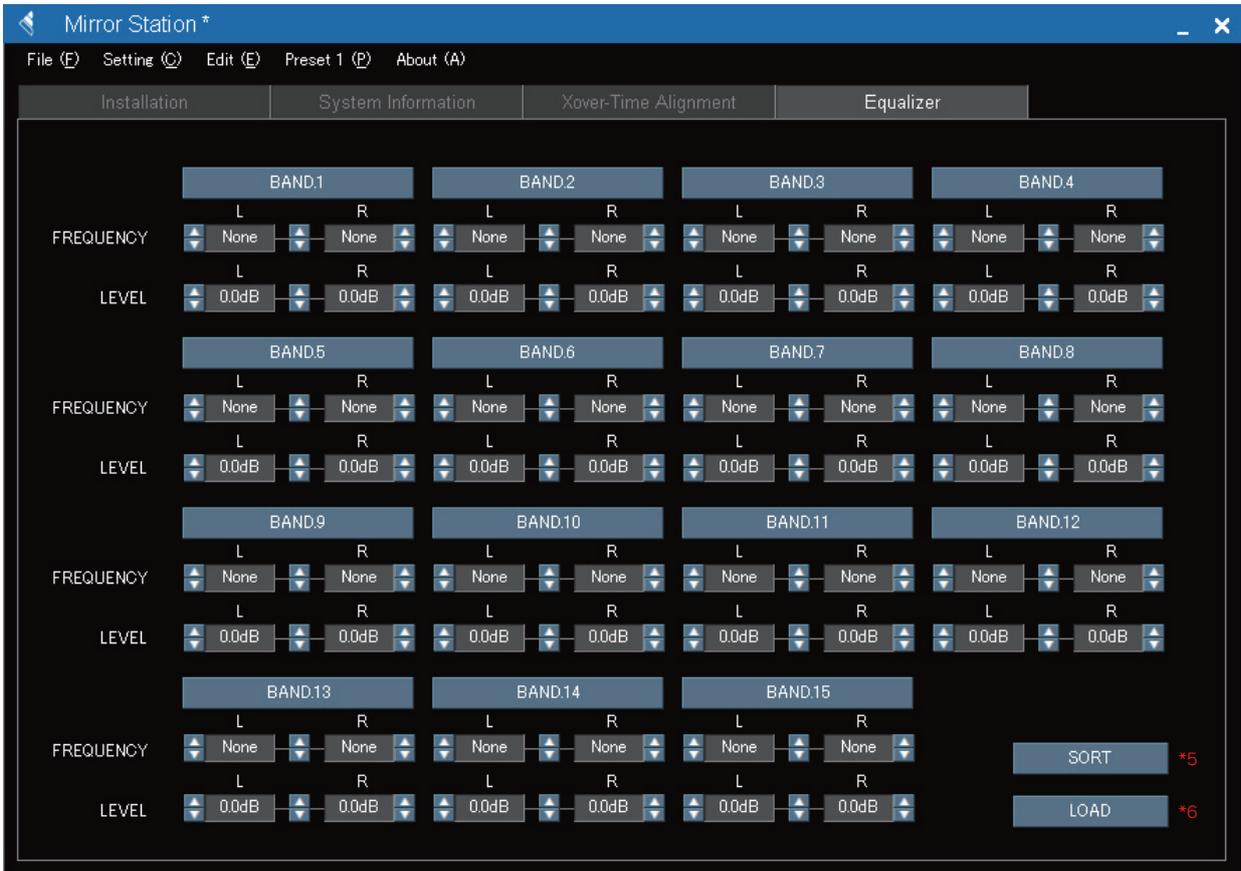
- *9 PHASE : Change over the phase.

- *10 MUTE : Mute on/off

- *11 STEREO/MONO : STEREO Stereo output
 MONO Monaural output

- *12 LOAD : Loads the Xover-Time Alignment data which are set up on the computer to the Mirror Station.

Equalizer



- *1 Choose the equalizing frequency for each L and R.
- *2 Choose the equalizing frequency for both L and R.
- *3 Choose the equalizing level for each L and R.
- *4 Choose the equalizing level for both L and R.
- *5 **SORT** : Sort the set frequency points into ascending order.
- *6 **LOAD** : Loads the Equalizer data which are set up on the computer to the Mirror Station.