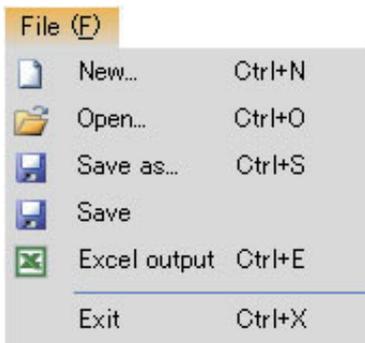


BEWITHSTATE

# Software of BEWITHSTATE

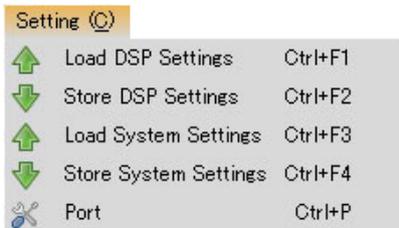
## ■ MENU

### 1. File

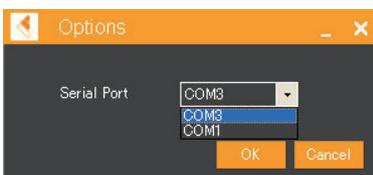


- New : Makes new file.
  - Open : Opens the existing file.  
Displays a dialog box for specifying a data file to read.
  - Save as : Displays a dialog box for specifying where to save a data file.
  - Save : Overwrites a data file.
  - Excel output : Saves a data file as an Excel file.
- 
- Exit : Terminates 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 BEWITHSTATE.
- Store DSP Settings : Stores the Xover-Time Alignment data and Equalizer data of the BEWITHSTATE to the computer.
- Load System Settings : Loads the Installation data and System Information data to the BEWITHSTATE.
- Store System Settings : Stores the Installation data and System Information data of the BEWITHSTATE to the computer.



- 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) When connecting more than 2 BEWITHSTATEs, connect the main unit [UNIT No.1]

※Please note that the smaller port number is not always for the main unit, when connecting more than 2 BEWITHSTATEs at the same time.

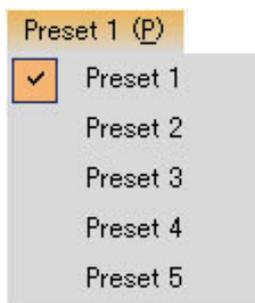
### 3. Edit



- Preset Copy : Copies the selected preset data.
- Preset Paste : Pastes the copied preset data on another preset.
- Preset Clear : Resets the Equalizer data of shown preset number back to "None". Xover-Time Alignment setting will NOT be reset.

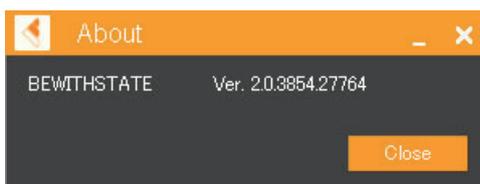
### 4. Preset 1

Choose one from 5 Preset data.



### 5. About

Displays a version of the software.



## Installation

\*1 Enter " 1 " when connecting the main unit, and enter "2, 3, 4..." when connecting the sub units.

\*2 Enter the quantity of the BEWITHSTATE connected.

\*3 Enter the distance from the listening point to the farthest speaker unit.

- \*4
- USE Use a passive networks.
  - Bi-AMP Use passive networks in bi-amplification.
  - NONE No passive network is used.

- \*5
- RIGHT Car with right-steering
  - LEFT Car with left-steering
  - \*6  NO When using no MM-1
  - YES When using MM-1

\*7  Stores data of the Installation and the System Information to the computer.

\*8  Loads data fo the Installation and the System Information to BEWITHSTATE.

## System Information

The screenshot shows the 'System Information' tab in the BEWITHSTATE software. The interface is organized into three main vertical sections: TW (Tweeter), MW (Midrange), and SW (Subwoofer). Each section has a set of controls for enclosure type, position, distance, angle, and direction. There are also sections for cable selection (POWER, SP, MW, SW, RCA, DIGITAL), amplifier gain, audio regulator, system noise, and impedance. The interface includes a menu bar (File, Setting, Edit, Preset 1, About) and a toolbar with tabs for Installation, System Information, Xover-Time Alignment, Equalizer 1-2, and Equalizer.

\*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** : Enter 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**

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

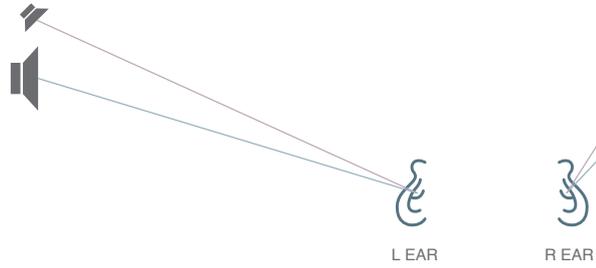
- \*6 **MW/DISTANCE** : Choose the installation method from Free air or Enclosure.
- \*7 **SW/BAFFLE** : Enter the distance between the MW and the ears (L: Left, R: Right).  
With the Enclosure, choose Sealed type or Bass-reflex type.
- \*8 **SW/BAFFLE/ENCLOSURE**  
: Enter a port length and port diameter 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** : Enter 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 Enter the output voltage 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 >

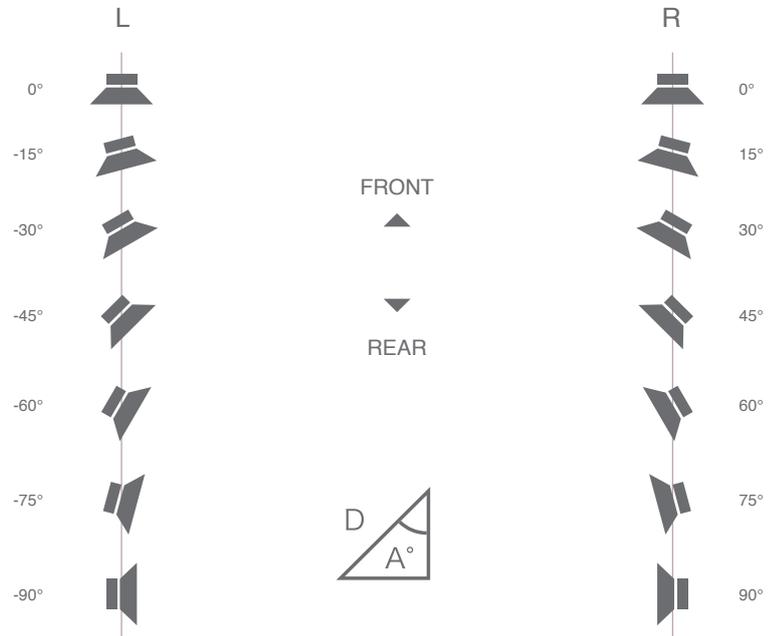
TW

MW



## < ANGLE >

TW



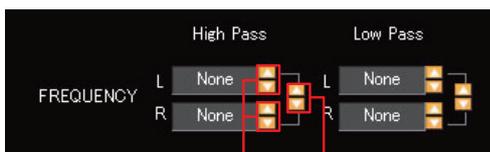
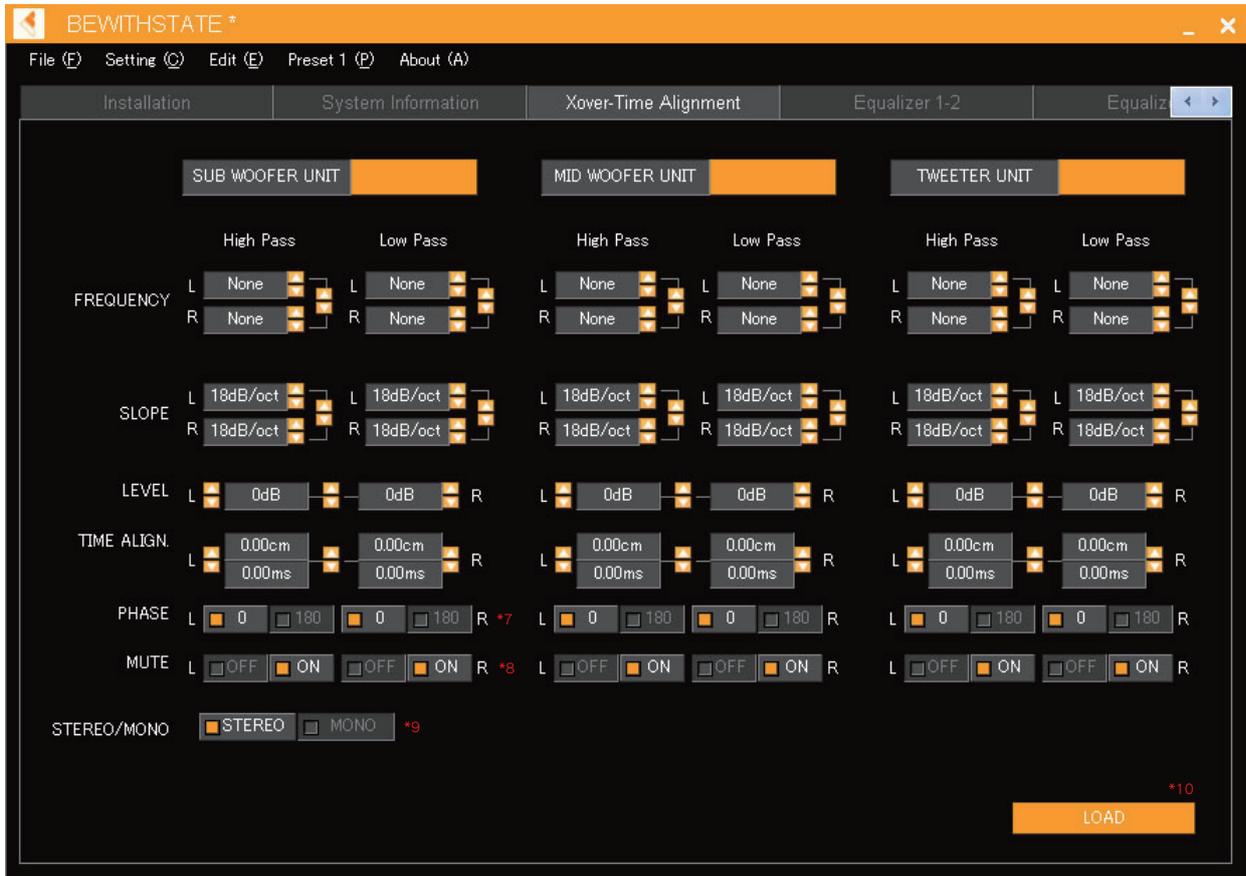
## < DIRECTION >

TW

MW



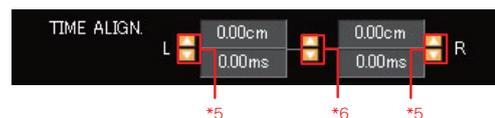
## Xover-Time Alignment



- \*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 left and right level for each L and R
- \*4 Choose the left and right level for both L and R



- \*5 Choose the distance between the unit and an ear for each L and R.
- \*6 Choose both L and R distance between the units and ears.

\*7 PHASE : Change over the phase.

\*8 MUTE : Mute on/off

\*9 STEREO/MONO :  STEREO Stereo output  
 MONO Monaural output

\*10 LOAD : Loads the adjusted data to the BEWITHSTATE.

## Equalizer

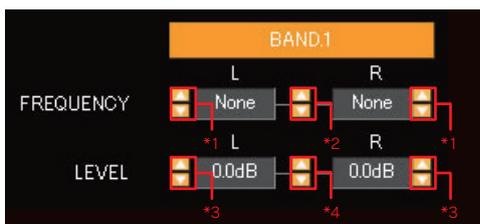


### Adjustment

Equalizer 1-2	Adjustment of LINE OUT 1 L / R
Equalizer 3-4	Adjustment of LINE OUT 2 L / R
Equalizer 5-6	Adjustment of LINE OUT 3 L / R

Click the  on the right upper corner to display the adjustment window.

### BAND



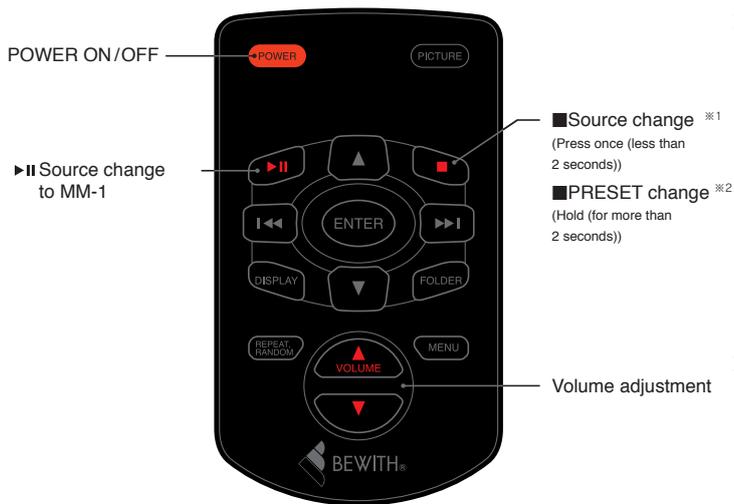
- \*1 Choose the equalizing frequency for each L and R.
- \*2 Choose the equalizing frequency for both L and R.
- \*3 Choose the frequency level for each L and R.
- \*4 Choose the frequency level for both L and R.
- \*5 **SORT** : Sort in ascending order according to frequency.
- \*6 **LOAD** : Load the Equalizer data which is set up on the computer to the BEWITHSTATE.

### RESET

Choose "Preset Clear" on Edit(E) to reset the Equalizer setting when starting over.

# BEWITHSTATE Remote Control

## ■ Instruction manual for Remote Control



※1 ● Press STOP button (less than 2 seconds) for source change mode.

● The order of source change is as follows.

MM1 → OPT → LINE → MM1.....

When using no MM-1,

OPT → LINE → OPT → LINE .....

● The change is effective 2 seconds after the selection.

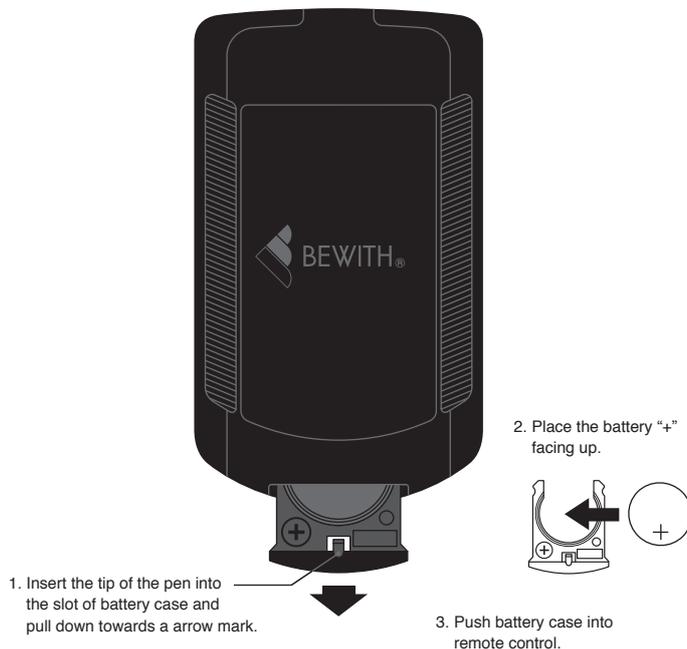
● Hold STOP button (more than 2 seconds) for DSP PRESET mode.

※2 ● The order of PRESET change is as follows.

PRESET1 → PRESET2 → PRESET3 → PRESET4 → PRESET5 → PRESET1.....

● The change is effective 2 seconds after the selection.

## ■ Replacement of battery / Handling of Remote Control



● Do not expose remote control to direct sunlight or high temperature.

● Face the remote sensor toward BEWITHSTATE's remote sensor window for control.

● Direct sunlight will not enable the remote control to work properly.

● Do not charge remote control battery. It may cause the battery fluid discharge.

● If battery fluid discharges, clean the battery fluid and replace a new battery.

● Replace the battery to a new battery when the remote control is ineffective.

● We are not responsible for any loss of setup data or damages of equipment that may occur from improper use or installation.

※ The battery is not covered by warranty.  
Please use a coin cell battery(CR2025) for replacement.