9000M2 Series
Quick Start Guide
- Audio Distribution-

House of Worship

System Overview

9000M2 Series Mixer Amplifier and audio devices are installed in a rack room. When an event is held in the Fellowship Hall, Mixer and Wireless tuners are installed temporary.

If there are too many people and more people cannot enter in the Fellowship Hall, the Hall sound can be also listened to in Classroom1, 2. The sound of Classroom1 is broadcast in Classroom2 and the sound of Classroom2 is broadcast in Classroom1. In each area, output volume is adjustable by remote controllers on the wall.

System Components

1. A-9060DHM2 x 1
2. ZM-9012 x 3
3. ZM-9014 x 3
4. D-001T x 3
5. T-001T x 2
6. RC-001T x 1 （with AD-246）

7. WT-5800 x 5
8. WM-5220 x 4
9. WM-5320H x 1
10. DVD x 2
11. MIXER x 1
12. P-9060DH x 1
13. DA-500F-HL x 1
14. BS-678
15. H-1
16. HX-5B
17. F-1300BT

Setting

Input 1 (D-001T): MIXER Out
Input 2 (D-001T): Blank
Input 3 (D-001T): WT-5800 for Room 2
Input 4 (D-001T): DVD for Room 2

Input 5 (D-001T): WT-5800 for Room 1

Input 6 (D-001T): DVD for Room 1

Output 1 (A-9060DHM2): Rectory

Output 2 (A-9060DHM2): Outside Entrance

Output 3 (P-9060DH): Classroom 1

Output 4 (P-9060DH): Classroom 2

Output 5 (DA-500F-HL): Fellowship Hall

Output 6 (A-9060DHM2): Webcast / Recording / Broadcast

Remote out (RC-001T):   ZM-9012[0] >> ZM-9012[1] >> ZM-9014[2] >>

ZM-9014[3] >> ZM-9014[4] >> ZM-9012[5]

Button Configuration

ZM-9012[0] : Rectory

Changing the output volume.

ZM-9012[1]: Outside Entrance

Changing the output volume.

ZM-9014[2]: Classroom 1

Button 1: Input 5 – Output 3

Button 2: Input 6 – Output 3

Button 3: Input 3, 4 – Output 3

Button 4: Input 1 －Output 3

Volume: Output 3

ZM-9014[3]: Classroom 2

Button 1: Input 3 – Output 4

Button 2: Input 4 – Output 4

Button 3: Input 5, 6 – Output 4

Button 4: Input 1 －Output 4

Volume: Output 4

ZM-9014[4]: Fellowship Hall

Button 1: Input1 – Output .5, 6.

Button 2: Input1 – Output 1,5,6.

Button 3: Input1 – Output 5.

Volume: Output 5.

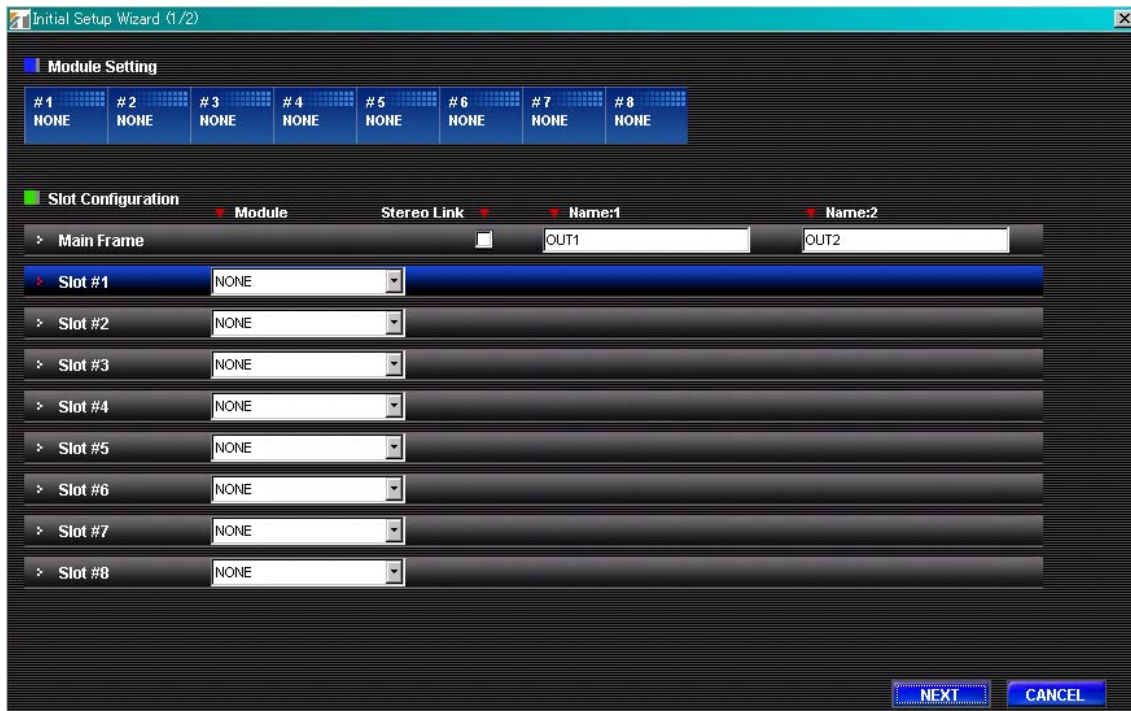**ZM-9012[5]:**

Changing the input volume.

Configuration
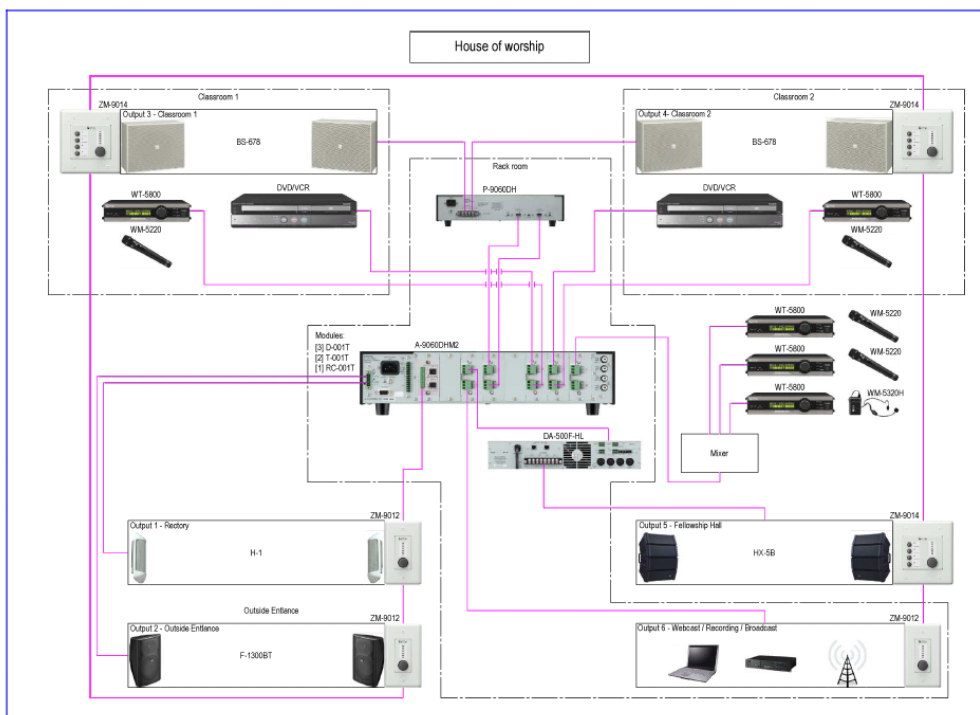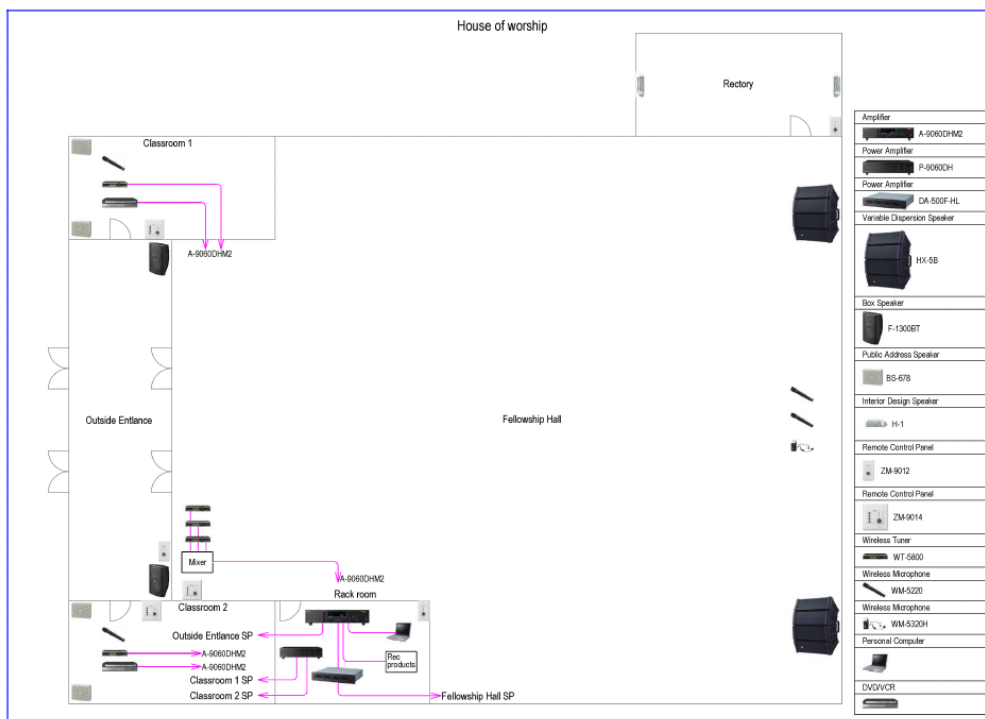
1. The following is the initial setting wizard screen.
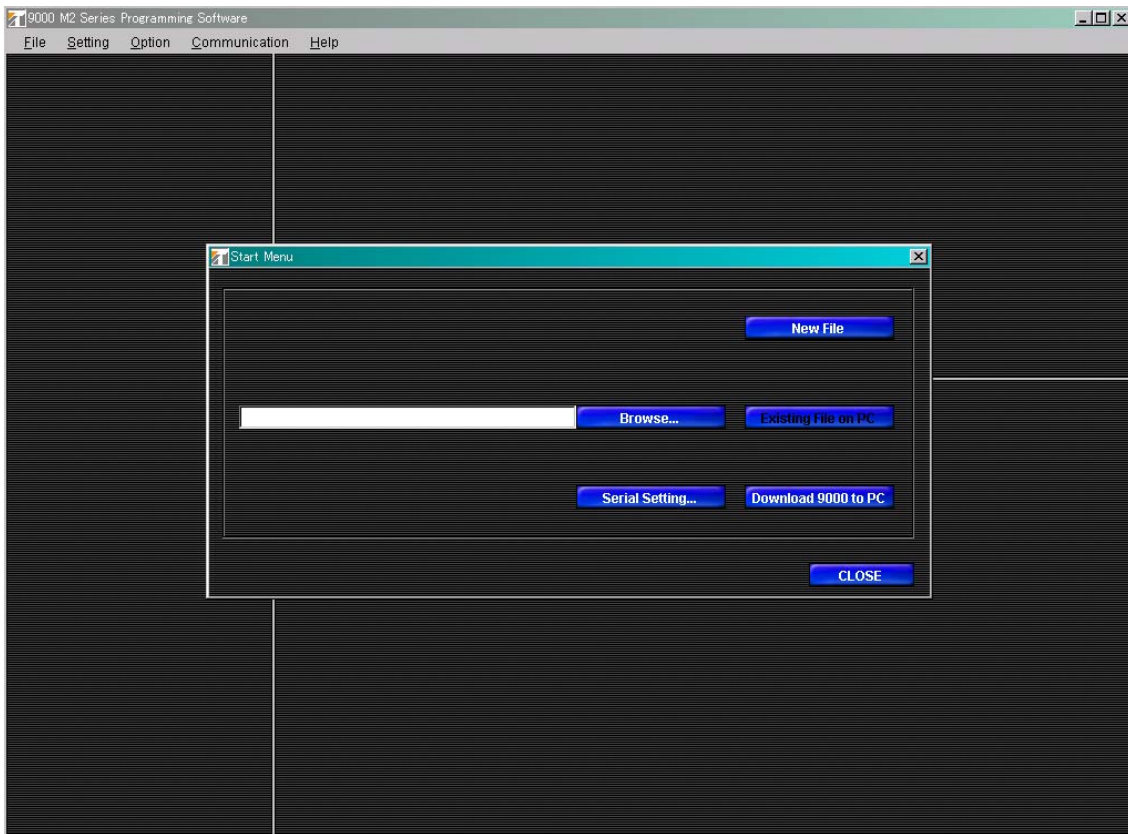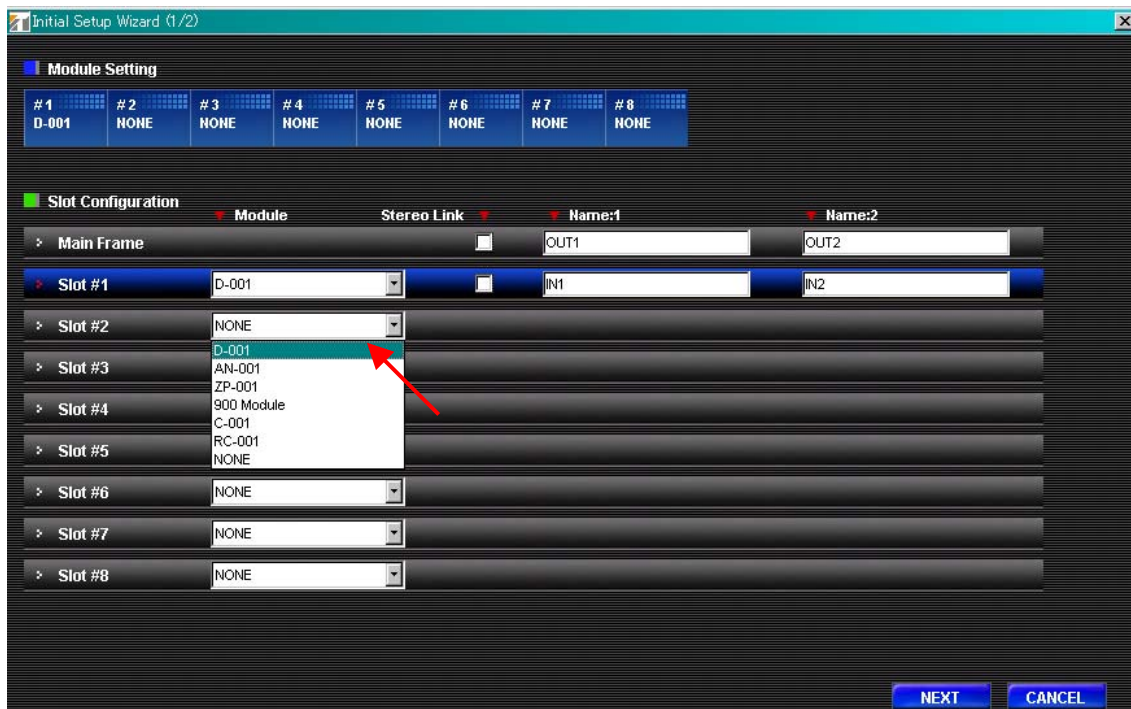

2. Click " New File" on the Start Menu window.

3. Set module configurations.

4. Select the modules to be inserted into the amplifier's slots from the pull-down menu in the Module field.

5. Select a module for each Slot. At the same time, please name each channel (ex. "MIC1").

    Main Frame   Name 1 >> "RECTORY"   Name 2>> "OUTSIDE"

    Slot #1 >> D-001   Name 1 >> "MIXER"   Name 2 >> "-"

    Slot #2 >> D-001   Name 1 >> "MIC2"   Name 2 >> "DVD2"

    Slot #3 >> D-001   Name 1 >> "MIC1"   Name 2 >> "DVD1"

    Slot #4 >> None

    Slot #5 >> T-001   Name 1 >> "CLASS1"   Name 2 >> "CLASS2"

    Slot #6 >> T-001   Name 1 >> "HALL"   Name 2 >> "OPTION"

    Slot #7 >> None

    Slot #8 >> RC-001

6. Click the "NEXT" button when finished.
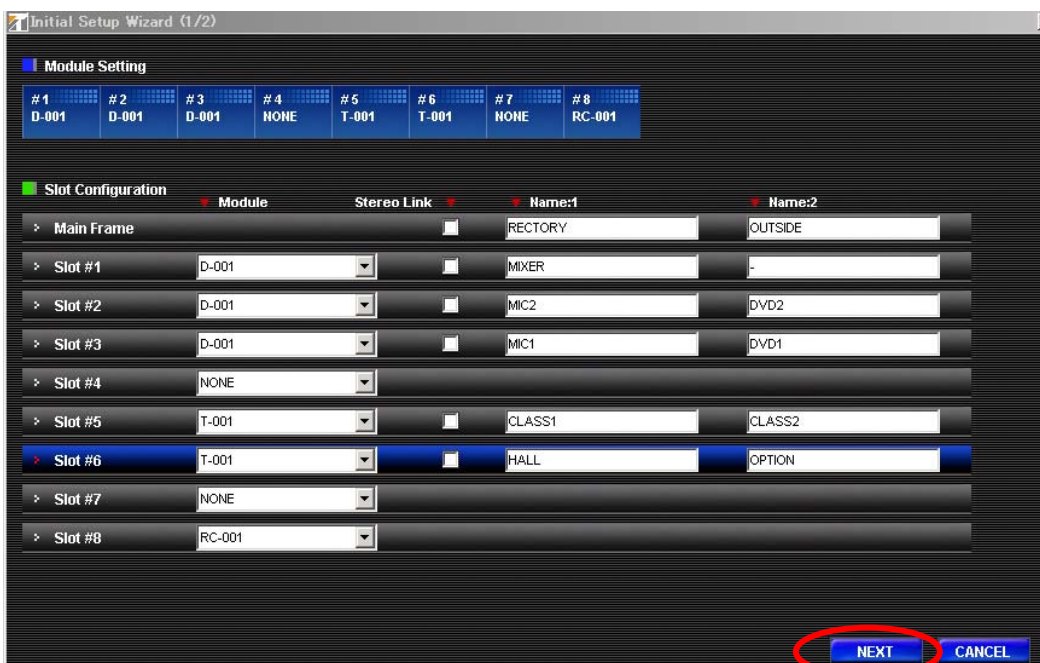
7. The following window is for setting devices connected to REMOTE VOLUME terminal on 9000M2 rear panel. If you do not use ZM-9001, ZM-9002 or ZM-9003, select "NONE" from the combo box "TYPE".
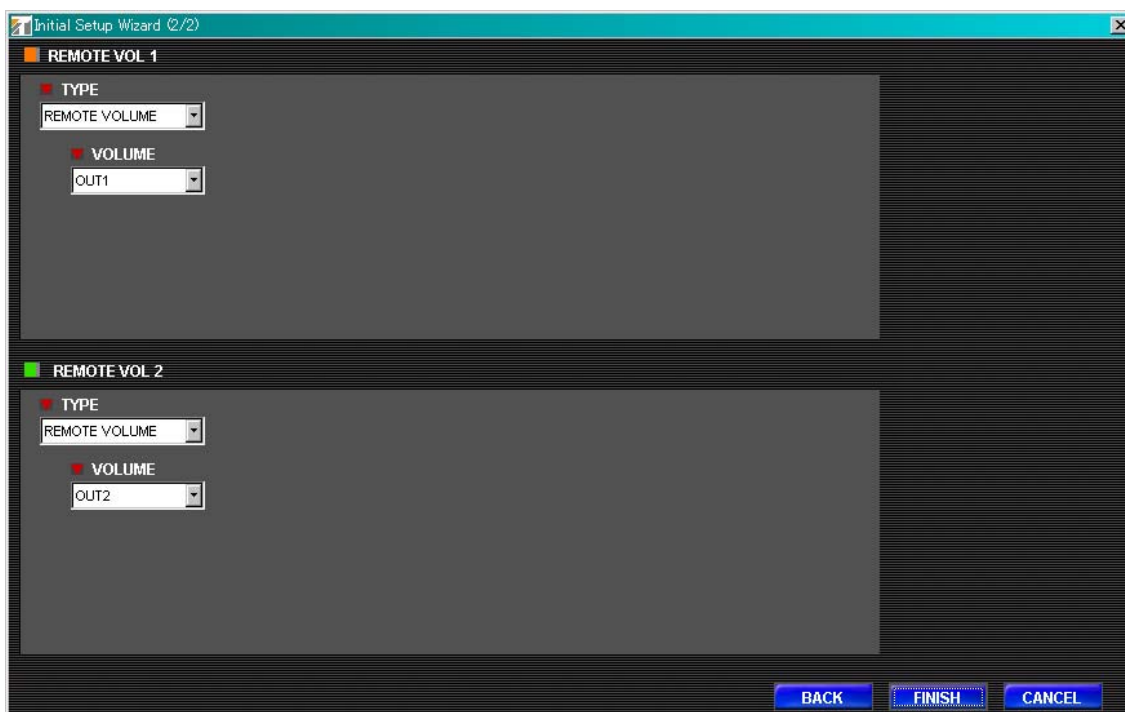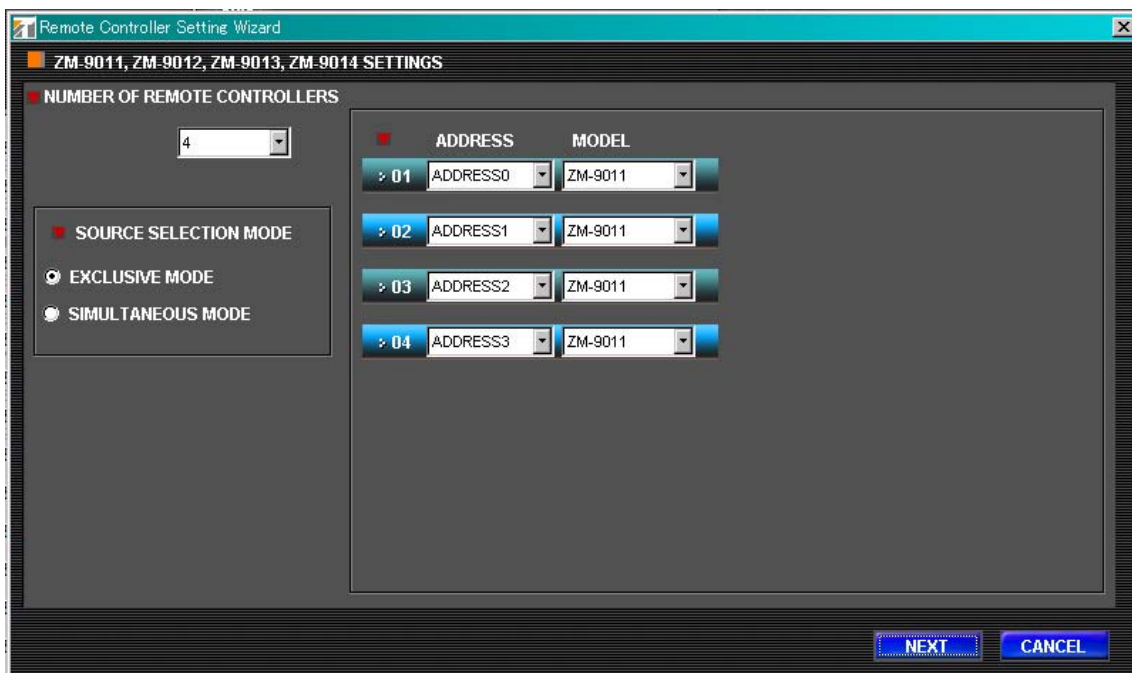

8. In this "Audio Distribution "application, select NONE both REMOTE VOL1 and REMOTE VOL 2.
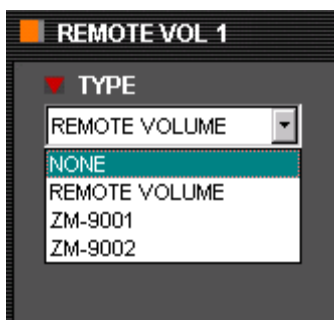
9. Click "FINISH" button.
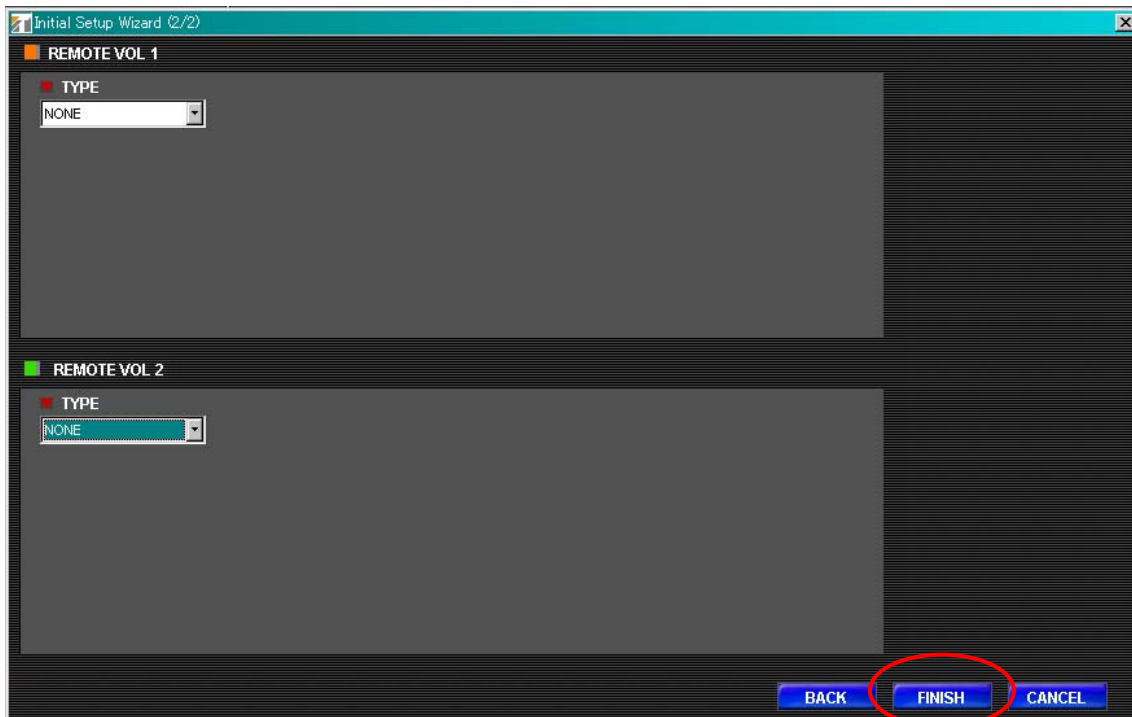
10. Setting for Remote Controller: ZM-9011/9012/9013/9014.

11. Select how many Remote Controllers you will use. In this application, select "6".

12. Select "ZM-9012" from the combo box "MODEL" for 01, 02, and 06.

And select "ZM-9014" from the combo box "MODEL" for 03, 04, and 05.

If "CROSS POINT CHANGE" function will be assigned to a button of Remote Controller, select either type of "SOURCE SELECTION MODE".

EXCLUSIVE MODE: A single cross point can be turned ON for each output channel.

SIMULTANEOUS MODE: Multiple cross points can be arbitrarily turned ON.

Here, check "SIMULTANEOUS MODE".

13. Click "FINISH" button. That means the initial setting is completed.

14. Programming Software is opened.
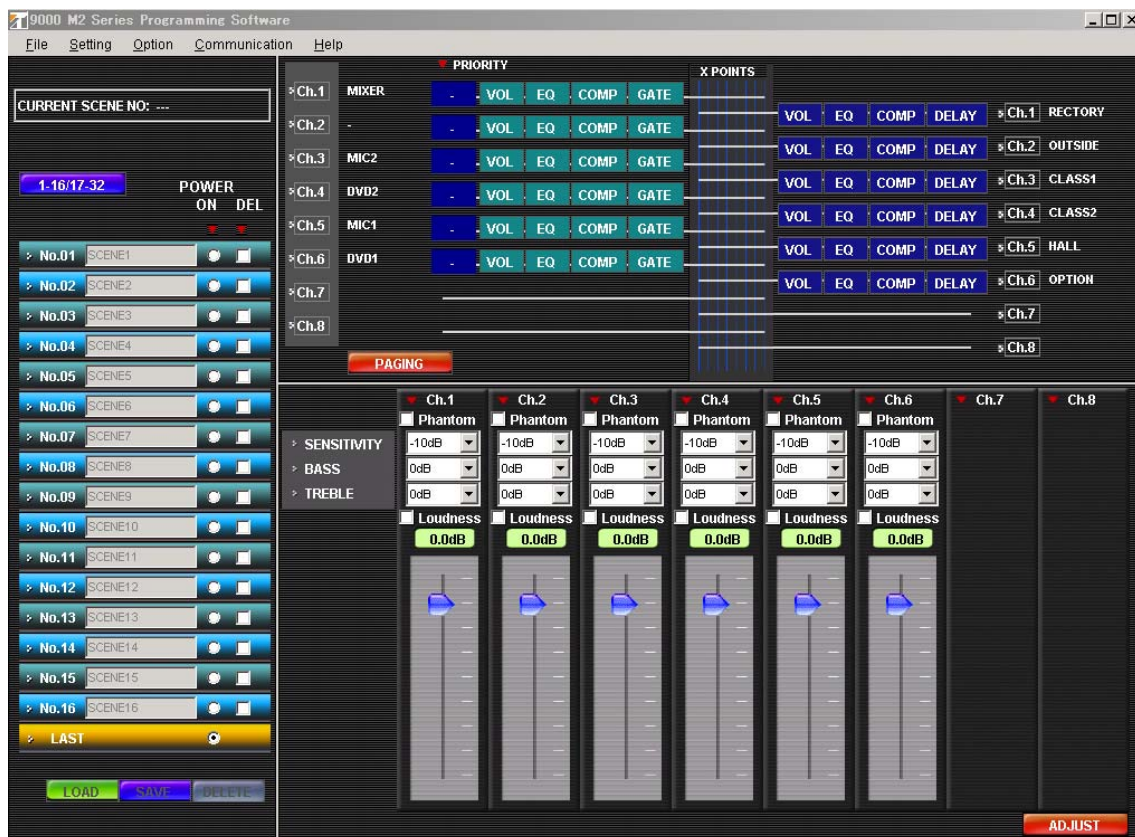
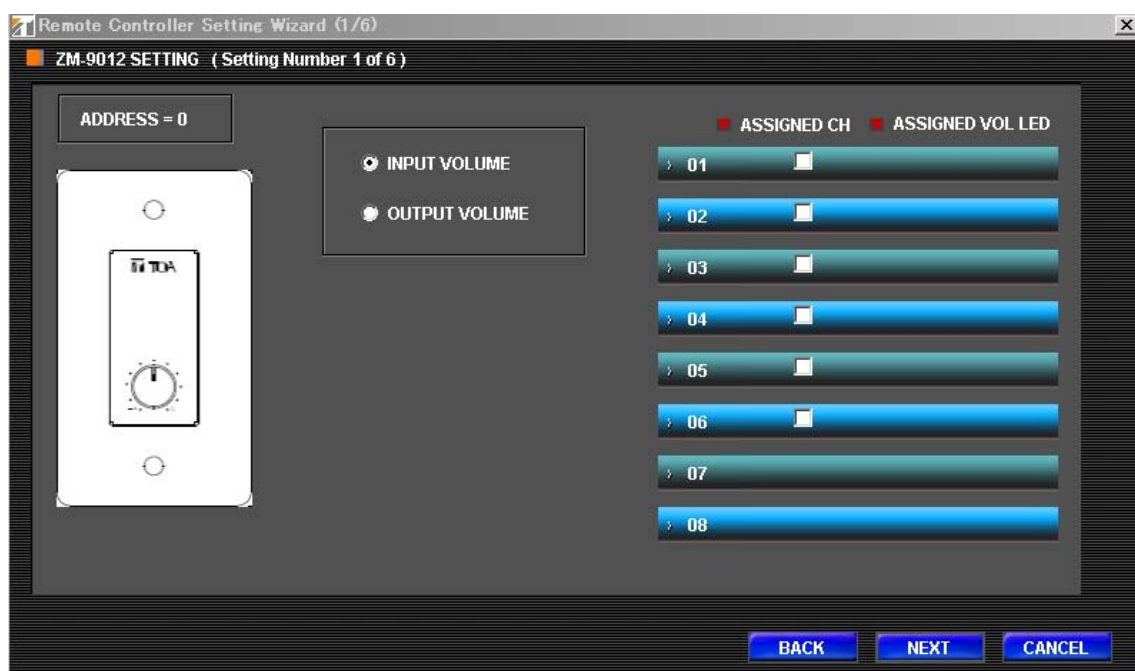## 15. Setting of assignment to ZM-9014s and ZM-9012s.

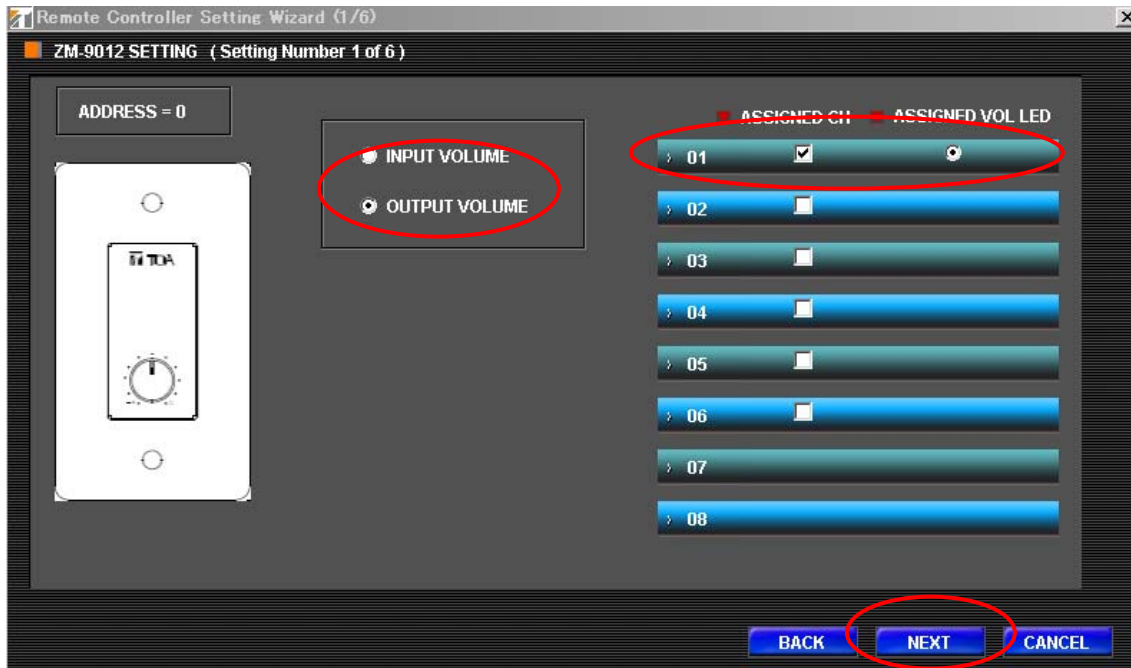Click "Setting" on the menu bar and select "Remote Setting Wizard".
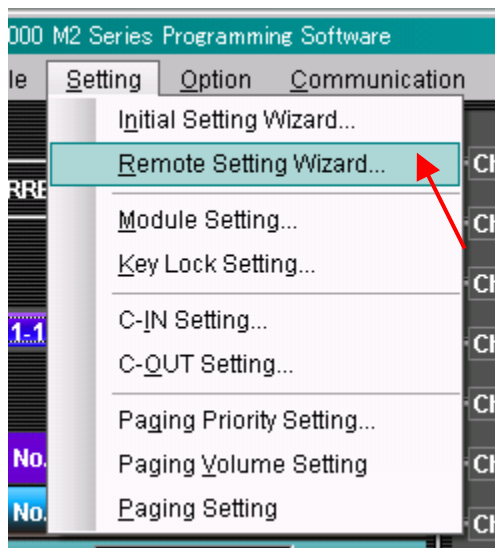
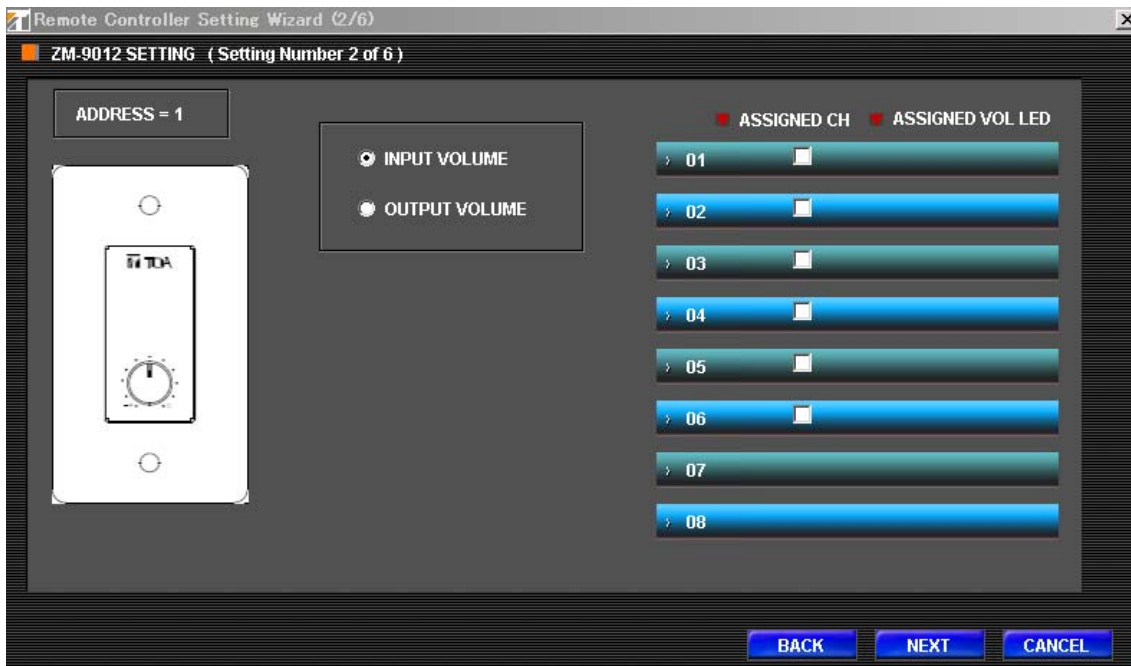16. Remote Controller Setting Wizard is opened. Just click "NEXT" button.
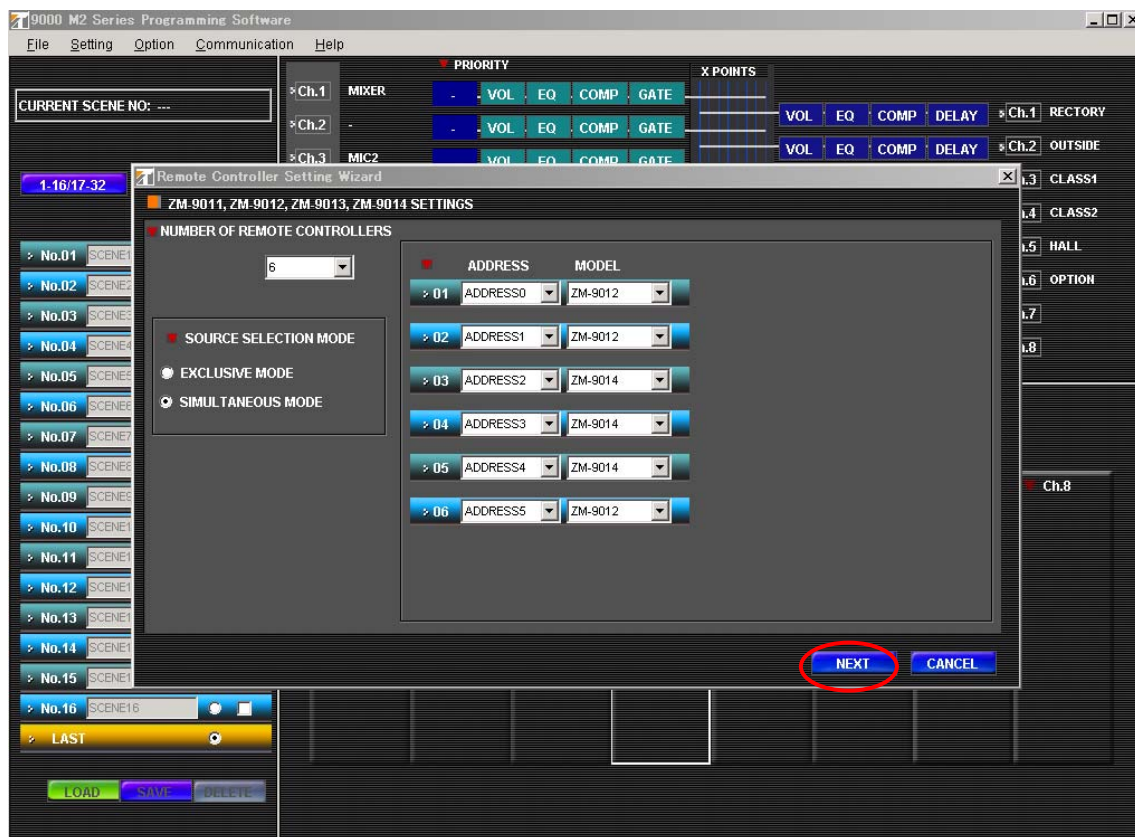
17. Setting of the first ZM-9012[0]. Here, we assign a function to each button and knob.
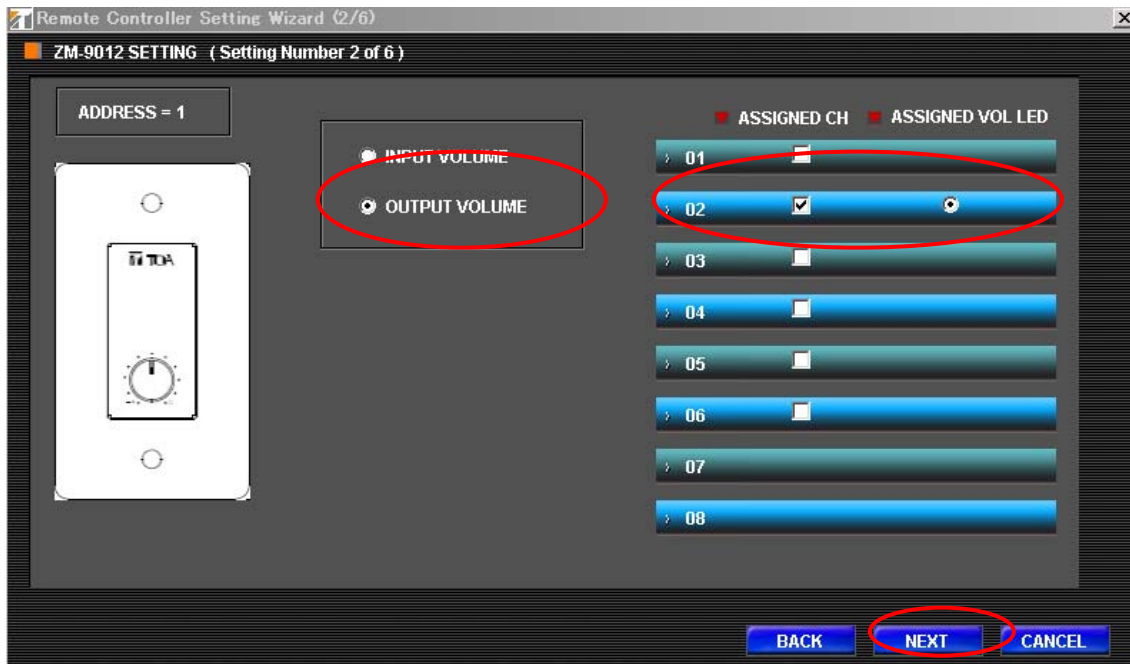
18. The first ZM-9012[0] controls the output volume of Rectory. Check the appropriate points as follows and click "NEXT" button.

19. Setting of the second ZM-9012[1].

20. The second ZM-9012[1] controls the output volume of Entrance. Check the appropriate points as follows and click "NEXT" button.

21. Setting of the first ZM-9014[2]. Here, we assign a function to each button and knob.

22. Assign #01 "CHANGE CROSS POINT" function and click the button circled with red .

23. Check the appropriate points.

24. As well as #01 button, select "CHANGE CROSS POINT" function and check cross points for each buttons.
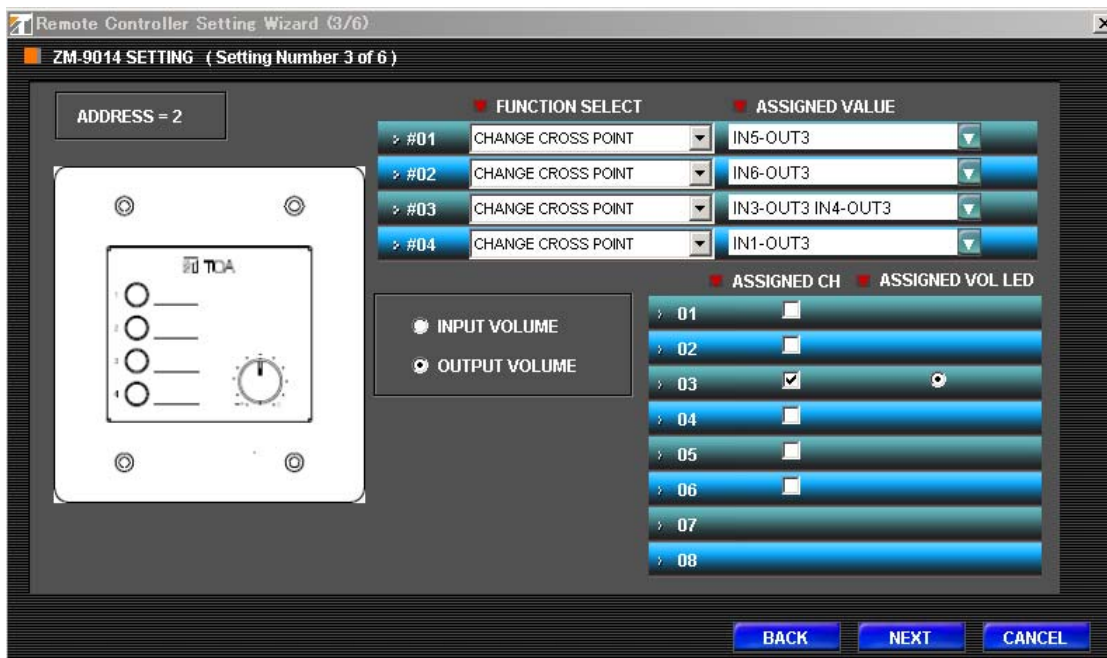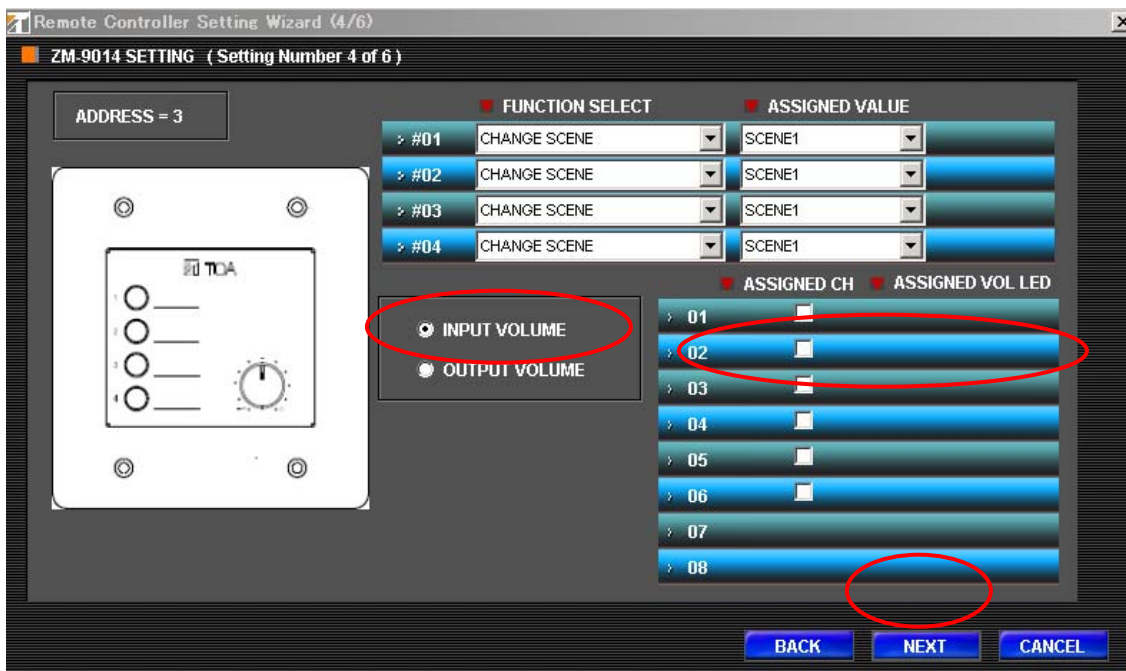
[Button #02]
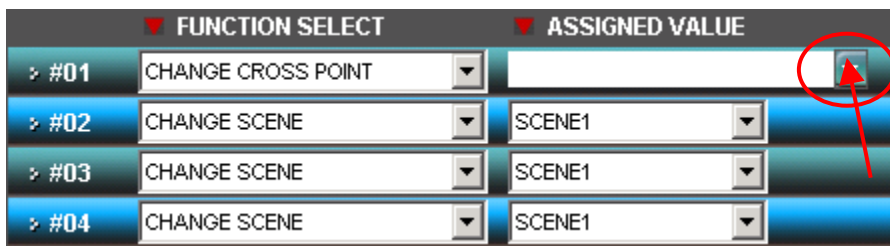

[Button #03]

[Button #04]

25. Assign "OUTPUT VOLUME" to the knob and select the ASSIGNED CH "03".
Click "NEXT" button.

26. Setting of the second ZM-9014. Here, we assign a function to each button and knob.

27. Assign #01 "CHANGE CROSS POINT" function and click the button circled with red.

28. Check the appropriate points.

29. As well as #01 button, select "CHANGE CROSS POINT" function and check cross points for each buttons.
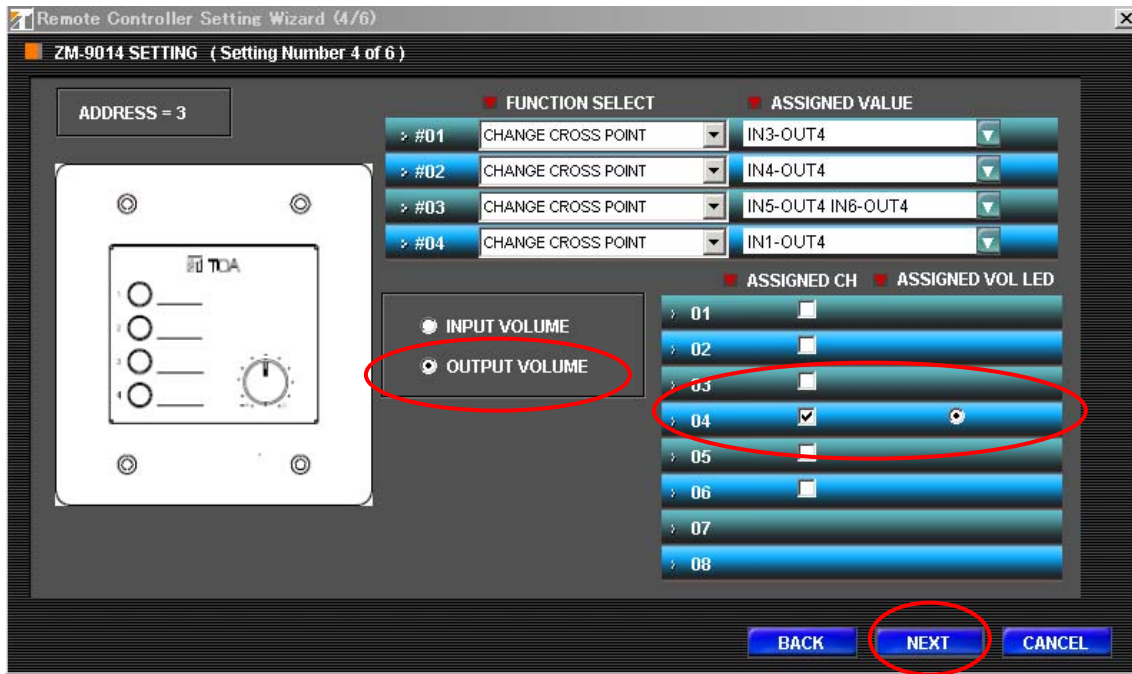
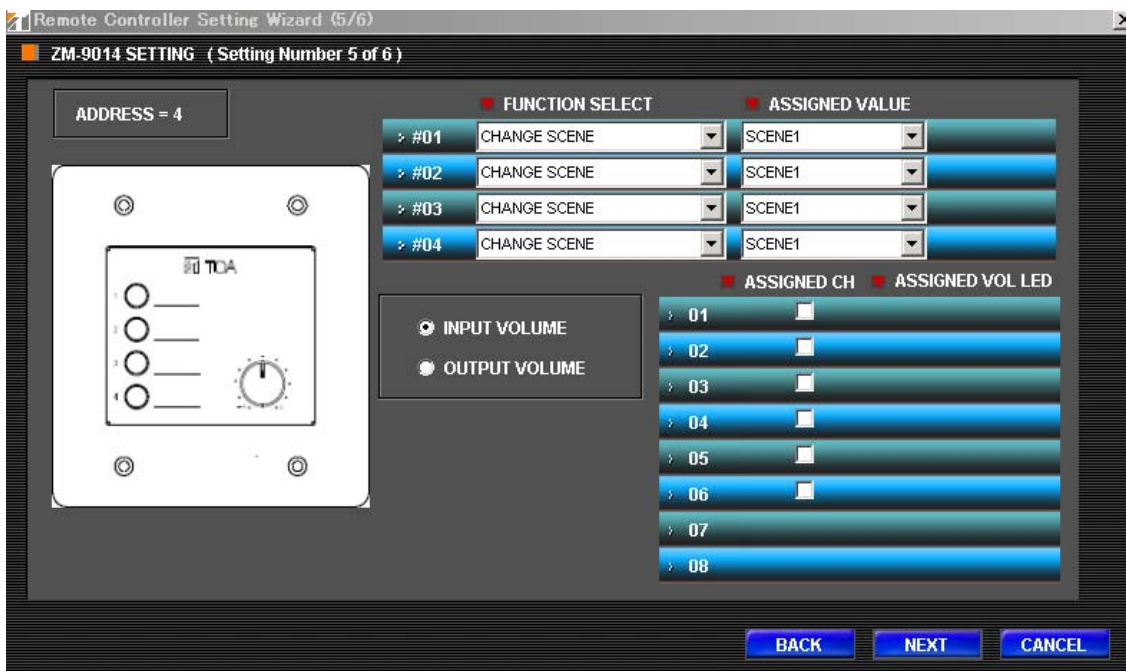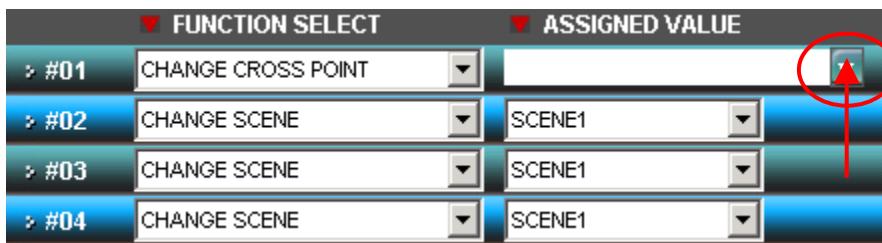[Button #02]

[Button #03]

[Button #04]

30. Assign "OUTPUT VOLUME" to the knob and select the ASSIGNED CH "04".

Click "NEXT" button.

31. Setting of the third ZM-9014[4].

32. Assign #01 "CHANGE CROSS POINT" function and click the button circled with red.

33. Check the appropriate points.

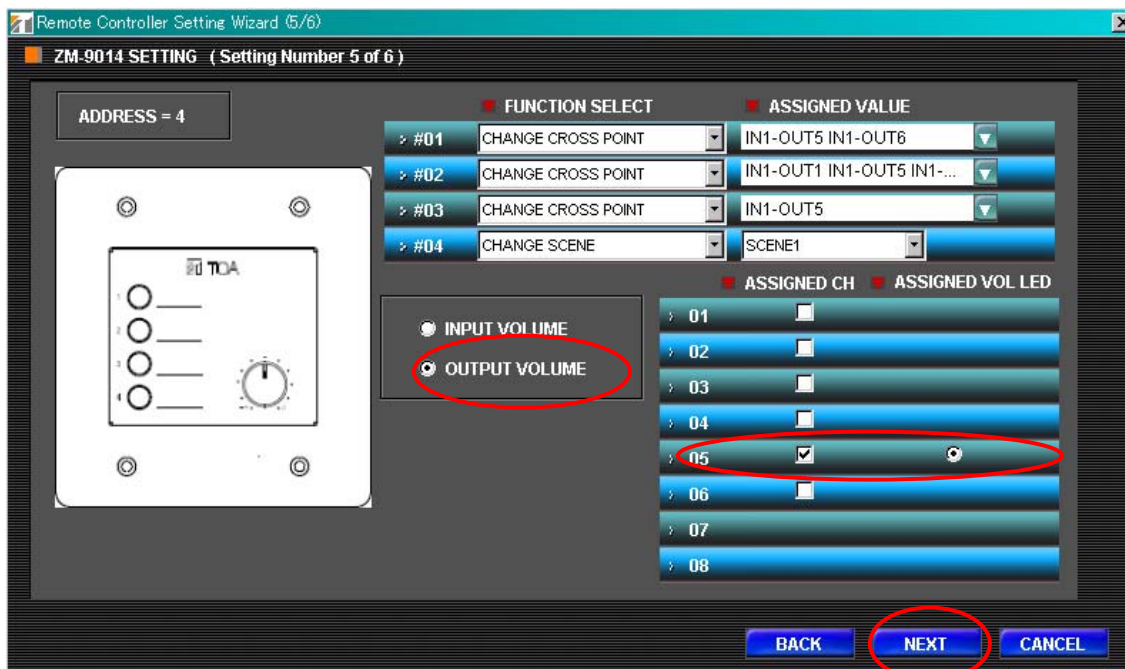34. As well as #01 button, select "CHANGE CROSS POINT" function and check cross points for #02 and #03.
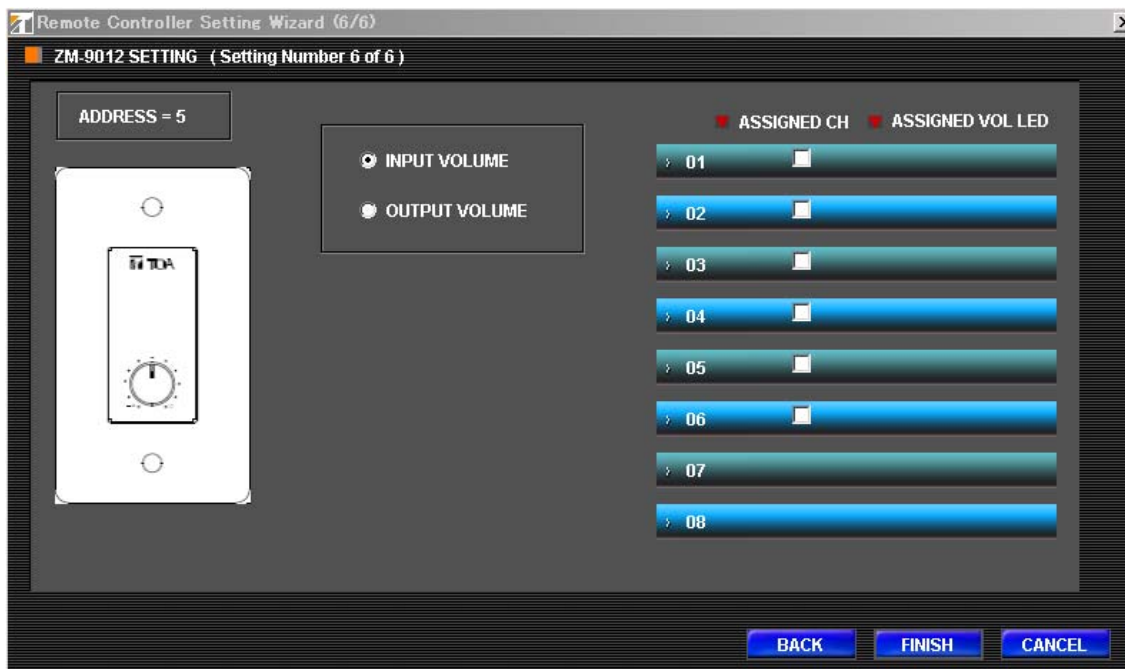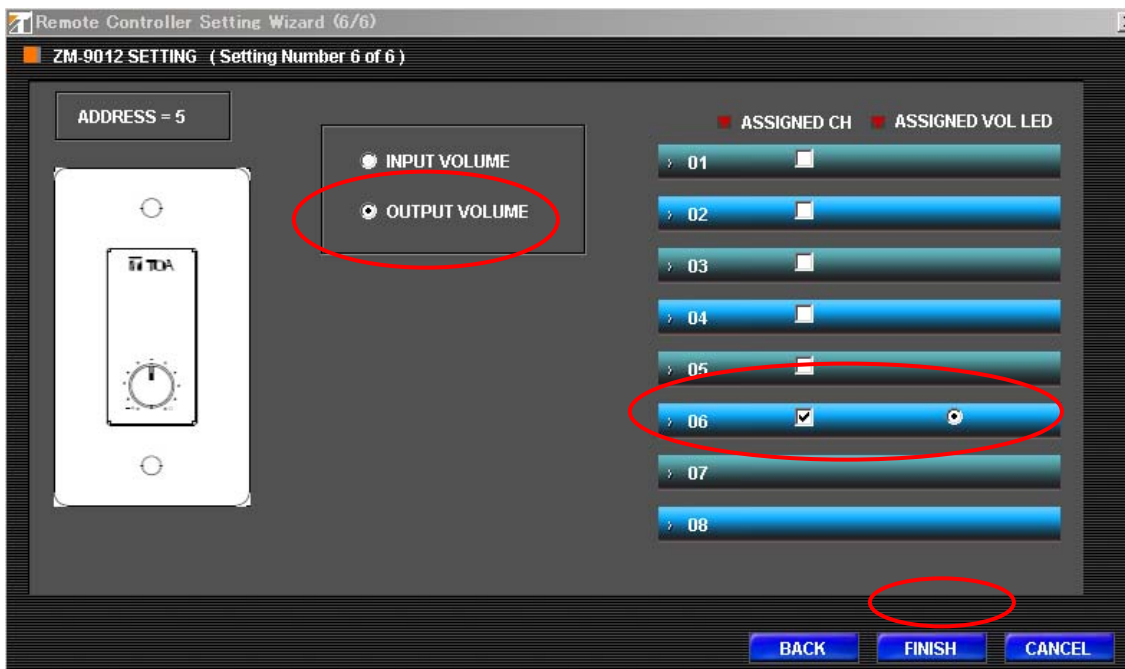
[Button #02]

[Button #03]

35. Assign "OUTPUT VOLUME" function to the knob and select the ASSIGNED CH "05".
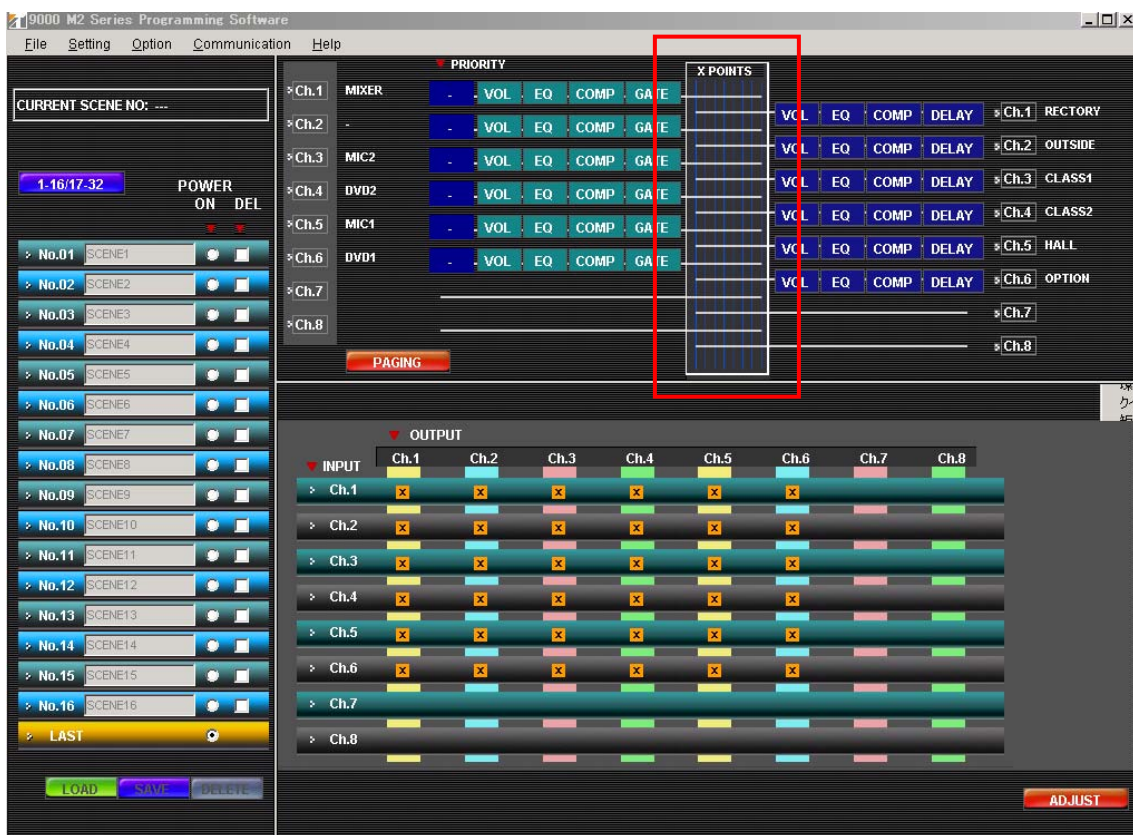
36. Setting of the third ZM-9012[5].

37. Assign "OUTPUT VOLUME" and select the ASSIGNED CH "06". Click "FINISH" button.

38. When clicking the "X POINTS" area, "Setting view" will change as below.

39. Initial X points when power is switched on can be set here.

Input Ch. 1(MIXER) routes to Output Ch. 5 and 6 (Fellowship Hall and optional device).

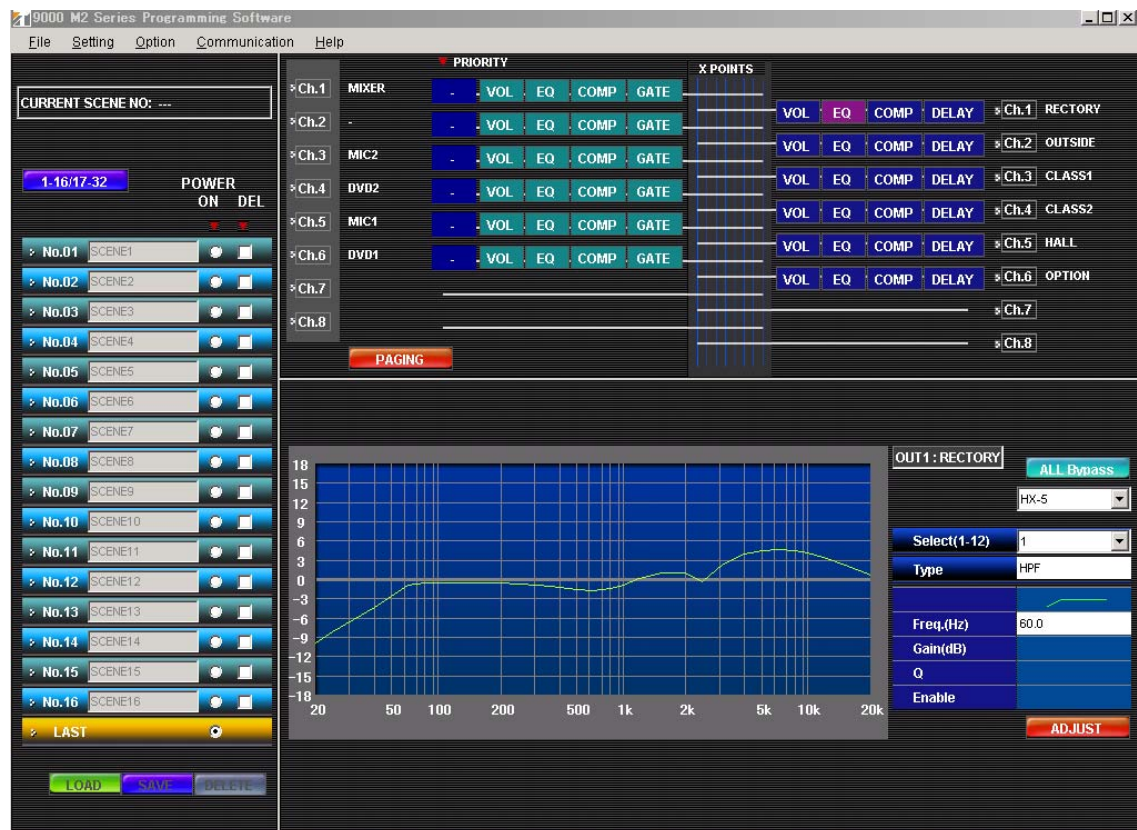Input Ch. 3 and 4 (WT-5800 and DVD for classroom 2) route to Output Ch. 4.

Input Ch. 5 and 6 (WT-5800 and DVD for classroom 1) route to Output Ch. 3.
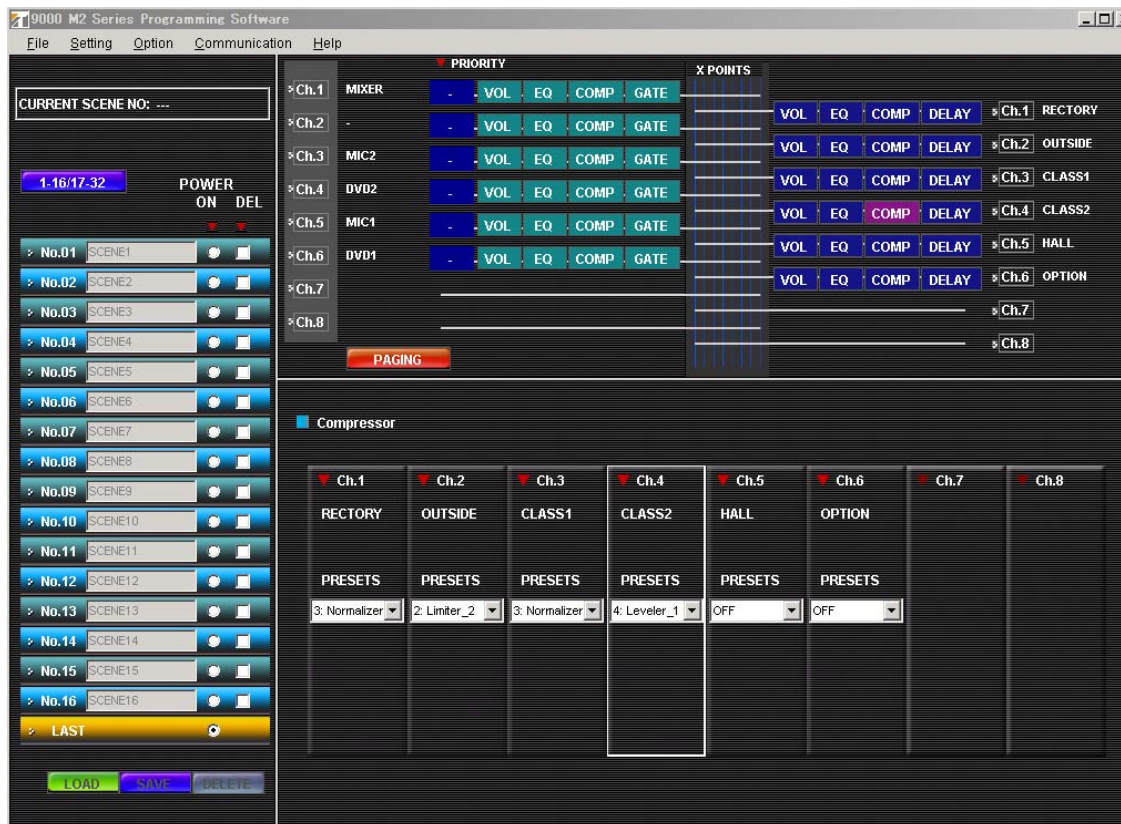
Check the appropriate boxes.

▼ OUTPUT

▼ INPUT	Ch.1	Ch.2	Ch.3	Ch.4	Ch.5	Ch.6	Ch.7	Ch.8
Ch.1	☐	☐	☐	☐	X	X		
Ch.2	☐	☐	☐	☐	☐	☐		
Ch.3	☐	☐	☐	X	☐	☐		
Ch.4	☐	☐	☐	X	☐	☐		
Ch.5	☐	☐	X	☐	☐	☐		
Ch.6	☐	☐	X	☐	☐	☐		
Ch.7								

40. Freely adjust the volume, Compressor, Equalizer setting.
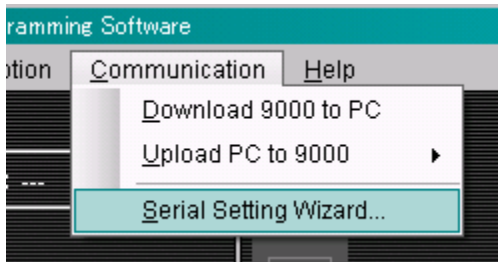
<Sample screen of output EQ setting>

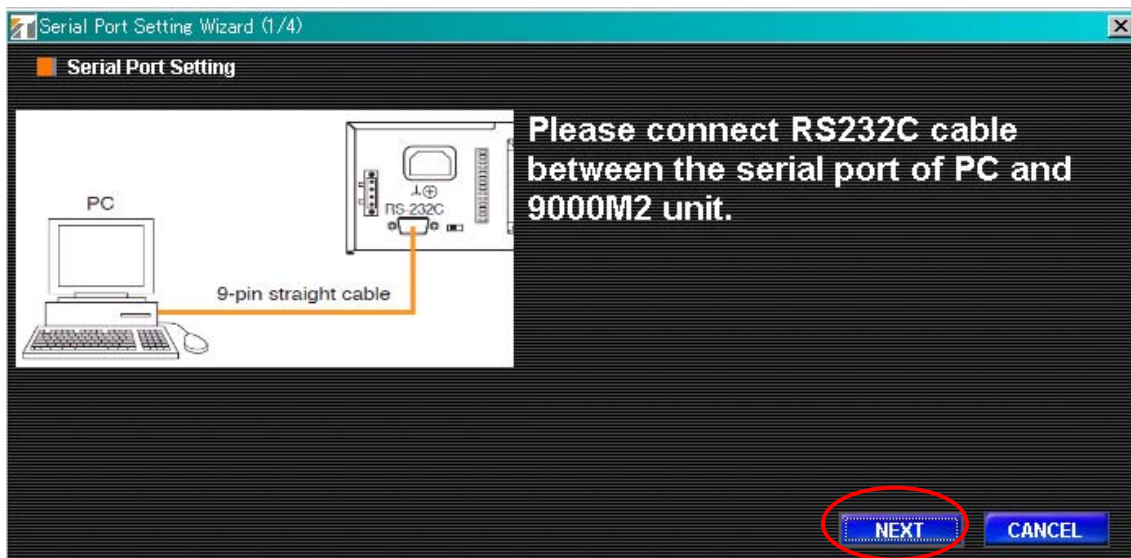<Sample screen of Output Compressor setting>

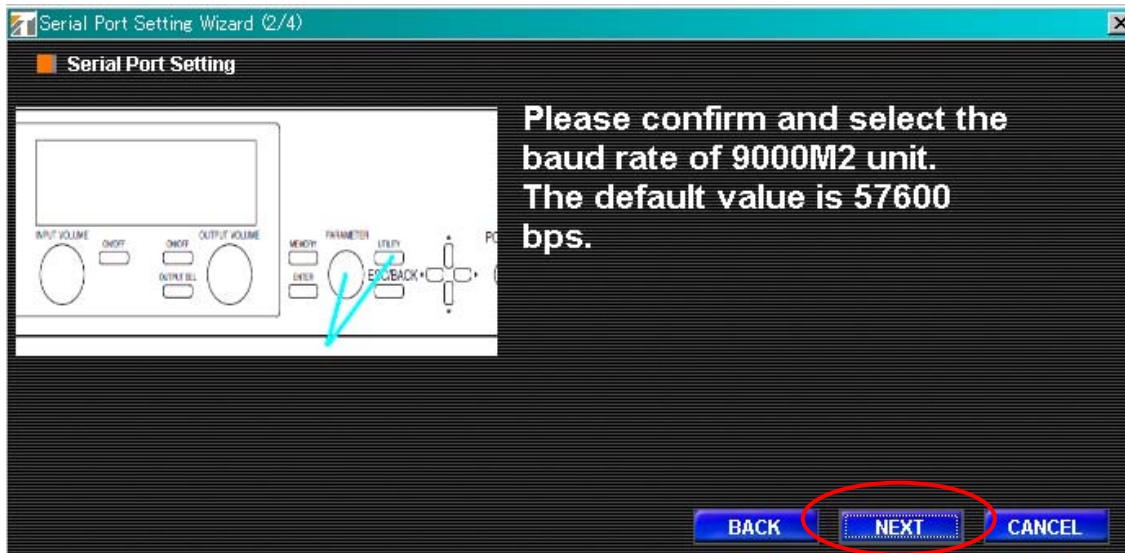41. Save all the above settings as Scene 1.

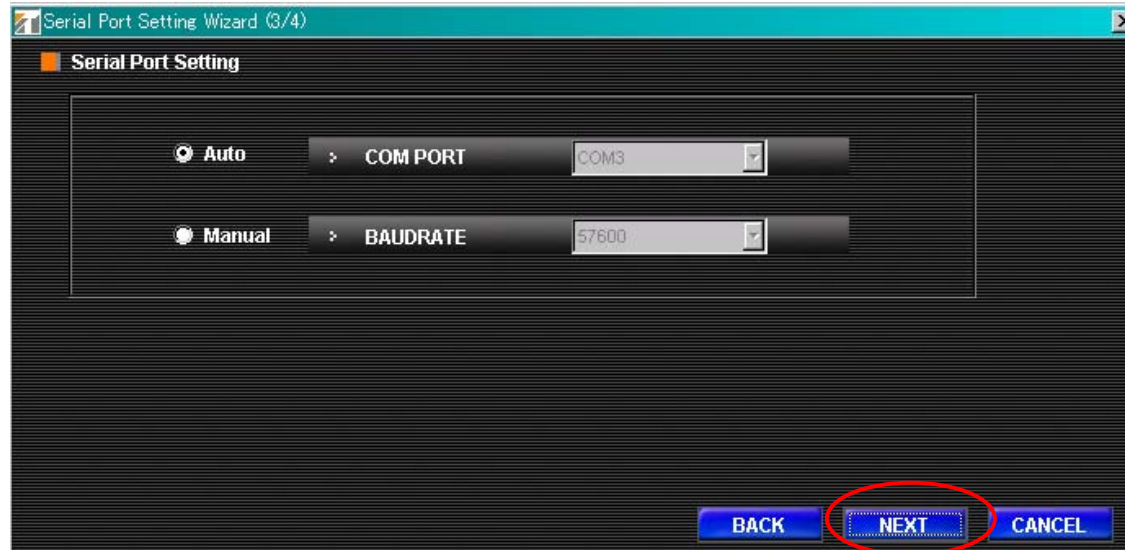42. Click "Communication" on menu bar and select "Serial Setting Wizard".

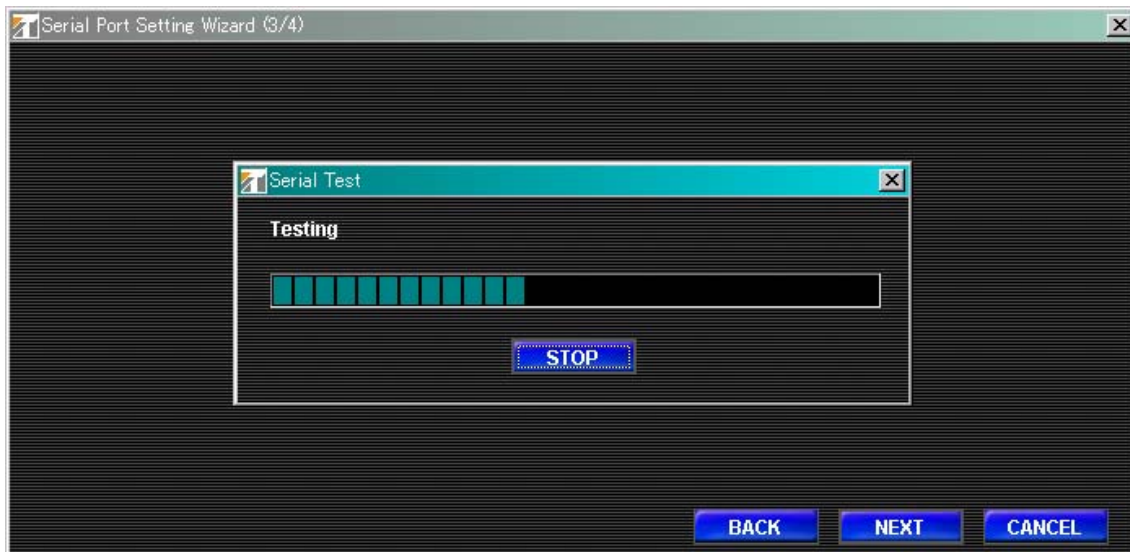43. Check the connection between PC and 9000M2 unit.   Click the "NEXT" button.

44. Confirm and select the baud rate of 9000M2 unit. Click the "NEXT" button.
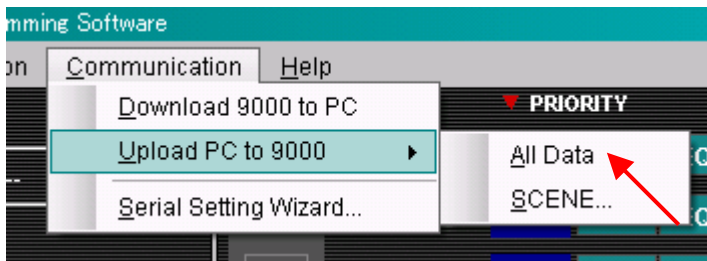

45. Click the "NEXT" button.

46. Shown below is the last screen.

47. If the test is finished successfully, click "OK".

48. Click "Communication" on the menu bar, select "Upload PC to 9000" and "All Data".

49. A progress bar is displayed during communications.

*If communication is completed, the progress bar dialog is closed and downloading is
completed.