Programmable School Bell Timer

USERS GUIDE
BOF-ZS4R
BOF-ZS4RK

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1-First Setup of the Device:

First of all, we would like to thank you for your interest in our company.
Please check whether the device has been physically damaged during installation. For example, damage to the device during transportation may cause electrical problems arising from the device.
If there is no physical problem with your device, connect and energize the power cable that came with the device.

2- Programming the Device with a Computer :

To program the device, plug the USB cable with the device into the computer.
The computer will automatically connect to the device and the screen will appear.
On the screen that opens, check which drive your computer sees the device in.
Example: USB Drive(E:)

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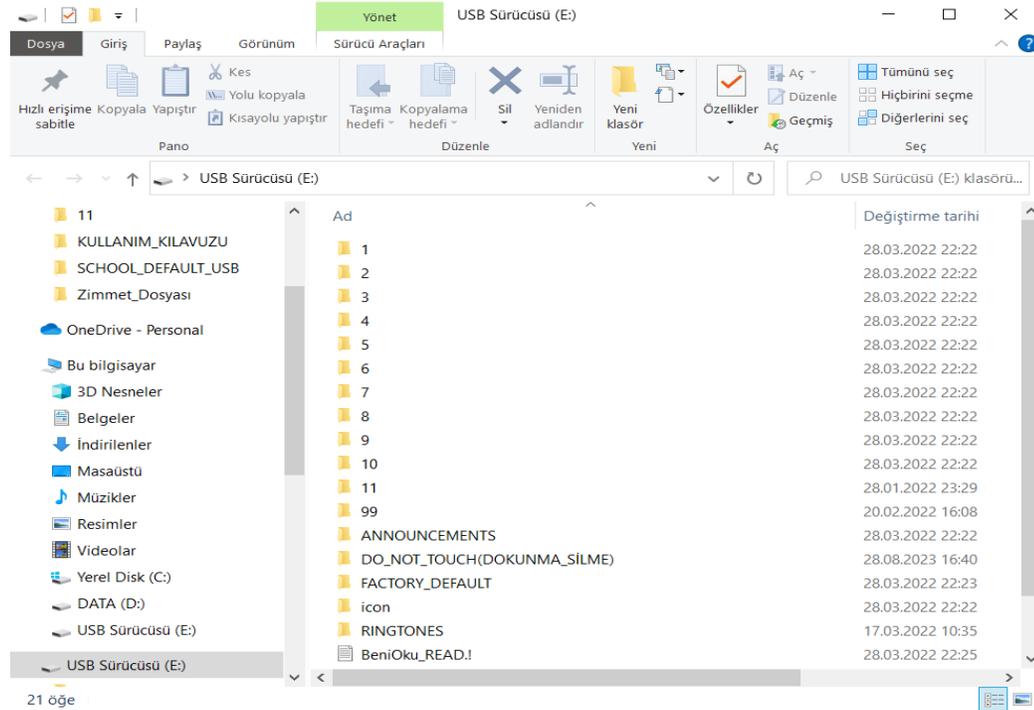
USB Driver(E:)

In order to be able to use it in the future steps while programming the device, if you have previously created a ringtone or announcement sound (with MP3 Extension), you can upload your ringtones to the 'RINGTONES' folder in the opened USB Disk, your announcement sound files to the 'ANNOUNCEMENTS' folder or your music to the '99' folder.

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Run the program named 'School_Bell_System_v3.5' in the driver that appears.
(Note: If the program does not work, complete the program by running the program named 'Java_setup' in the driver that appears.)
'After clicking 'School_Bell_System_v3.5', in the program that opens, first select the disk to which the device is connected. Select (Example: USB Drive(E:)

a- Time Settings:

In the time settings section of the program, adjust the 16-row Entry and Exit times to meet your needs.
(Note: Make sure that the Input and Exit Hour and Minute sections that you do not use are set to '99'.)
Select the days to be applied from the tabs under the days on which time data will be applied in the upper left part of the program and select the 'Save' button at the bottom of the time settings section to complete the registration process .

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b- Show (View) Button Usage:

You can control it by selecting the days you want to view from the tab next to the view button at the top right of the program and clicking the View Entry and Exit Times button in the time settings section.
Note: You can also see the teacher entry time after the entrance bell.

c- Creating Factory Settings :

By using the "Create Factory Settings" button under the time settings section of the program, you can create factory settings so that you can use your entry and exit time settings in case of any errors that may occur later.

d- Returning to Factory Settings:

Using this button you can return to the time settings you previously created.
Note: Using this button will delete all preset audio files. If you used this button, please re-do all the operations in the program and register.

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e- Sound Settings :

 In the section under the "Audio settings" tab in the middle of the program
*Click the box next to the enterence ringtone selection, select the 'MP3' music you want and save it by clicking the 'Save' button next to it.
*Click the box next to the exit ringtone selection, select the 'MP3' music you want and save it by clicking the 'Save' button next to it.
*Select the 'MP3' music you want by clicking the box next to the teacher's ringtone selection and save it by pressing the 'Save' button next to it.
*Click on the box next to the Announcement Student tab, select the 'MP3' music you want and save it by pressing the 'Save' button next to it.
*Click on the box next to the Announcement Teacher tab, select the 'MP3' music you want and save it by pressing the 'Save' button next to it..
----
*To use External Announcement1/2/3/4/5, please go to the 'External Announcement Settings' section at the bottom. Click on the 'Play on exit' tab and specify the number of announcements on the left side.

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f-Externel Announcement Settings :

'You can activate the External Announcements1/2/3/4/5 announcements in the 'Audio Settings' section above by clicking the 'Play on exit' tab in the External Announcement Settings section and specifying the number of announcements on the left. Complete the process by pressing the 'save' button on the right.

g-Announcements Switched with Remote Control:

Select 1/2/3/4 announcements from the 'Announcements switched by remote control' section at the top right of the program and complete the recording process by pressing the 'save' button on the right side. Thus, you can play the audio file by pressing the relevant numbered button on the remote control which comes with the device.

h-Port Announcements:

Select 1/2/3/4 announcements in the 'Port announcements' section on the right side of the program and complete the recording process by clicking the 'record' button on the right.
Thus, when a signal comes to the input numbered on the back of your device, the audio file will be played.
Example: Emergency Announcements such as Fire, Earthquake.

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In this part of the program, you can select the "play on exit" option and determine at what time the "MP3" will stop. Thus, the music in 'MP3' format in the '99' Numbers folder in the device will start playing after the exit break.

Note: Max:999 pieces of music can be uploaded to the folder numbered '99' in 'MP3' format.

i-Deleting audio files:

If you used the 'Delete All Audio Files', 'Delete Controller Announcements', 'Delete Port Announcements' buttons located at the bottom of all audio file adjustment sections in the program, please select the relevant audio files again and save them.

j-Warnings :

1- Never perform any operations in the 'DO_NOT_TOUCH(TOUCH_DELETE)' folder within the device..

2- Do not manually change any files or folders on the device.

3- Before programming the device, if there is a ringtone and announcement sound you want, they should be placed in the relevant folders before starting the program.

4- 'After closing the 'School_Bell_System_v3.5' program, wait 3-5 seconds, then right-click the disk it is connected to and end the process with the eject command and disconnect the USB port of your device from the computer.
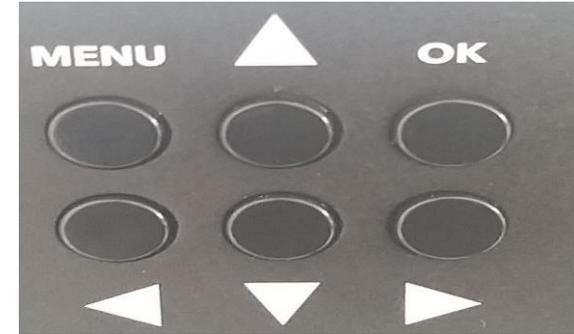
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5-If you have previously selected External Announcement 1/2/3/4/5 in the Sound Settings section and used the 'Delete All Audio Files' Button here and you will not use external Announcement from now on, save it by selecting the 'External Announcement Off' option in the 'External Announcement Settings' section.

3-Using Keyboard Keys on the Device:

Date, time setting, menu setting and function setting can be done with 6 buttons on the device.

4-Date Time Setting on the Device:

Press the 'OK' button on the device once. First, the time field will start flashing. Adjust the time using the up and down button. Then press the right arrow > button to move to the minute section and adjust it with the up and down button. Use the right arrow > button to adjust the day/month/year/day of the week with the up and down buttons. Press the 'OK' button to save. Note: While setting Time/Date, you can navigate with the left < and right > buttons.

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5-Device Menu Setting:

Press the 'MENU' button on the device once. You will see the Language/language selection (as seen on the right). You can change the language from here. You can switch to the next or previous menus with the right > and left < buttons on the device.

1- Language/Language selection: Changes the menu language.(Turkish - English)

2- Load the datas: If you select Yes and press the 'OK' button, the programs you created with the computer program will be loaded into the device.

3- Sound Adjustment: Adjusts the intensity of the sound transmitted to the amplifier.

4- Ring Duration: Sets the Entry , Exit Bell ring time .

5- Announcement Cancellation Day: You can create a cancellation day for external 1/2/3/4/5 Announcements.
Example: Saturday / Sunday / Saturday-Sunday

6- MP3 cancellation day: you can create a cancellation day for MP3 playing after the exit bell.
Example: Saturday / Sunday / Saturday-Sunday

LANGUAGE/DIL SEC
ENGLISH

LOADS DATA !
NO

SOUND LEVEL
15

RING TIME
31sn

ANNOUNC CANCELED
NONE

MP3 CANCELED
NONE

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6-Status Screens :

- If you press the right > button on the device while the time/date screen is displayed on the device, you will see the 1st status screens.
- RIGHT SIDE STATUS SCREENS:
- Mod status : This status screen is used for technical service.
- Port status : This status screen is used for technical service.

```
MODE STATUS
SCHOOL MODE
```

```
STATUS OF PORT
1.PORT ACTIVE
```

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6- Status Screens :

- If you press the left < button on the device while the time/date screen is displayed on the device, you will see the 2nd status screens.
- LEFT SIDE STATUS SCREENS:
- Amplifier Status: This screen shows the current status of the amplifier. While on this screen, you can press the 'OK' button and turn the amplifier on and off with the up and down buttons.
- Note: After turning the amplifier on, exit by pressing the 'MENU' button. Amplifier will turn on. The amplifier will remain on until you turn the amplifier off from the status screen or until the ringer system turns any ringer on or off.
- National Anthem: While on this screen, you can press the 'OK' button and turn the national anthem on and off with the up and down buttons. You can choose 1st on the external announcement and record your national anthem.
- Note: After activating the national anthem, press the 'MENU' button and the national anthem will be played directly. It will continue to play until you turn it off or until the national anthem ends.
- This screen uses the 1st Announcement of the 'Control Switched Announcements' in the program you made with 'School_Bell_System_v3.5'.

ANFI STATUS
CLOSED

NATIONAL ANTHEM
CLOSED

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7- Device Opening Screens:

When the device is first powered on, you will see this screen.
This screen is used for technical service. Shows the software version number inside the device.

```
SOFTWARE VER:3.9
INITIALIZING....
```

8- Transferring the program made with the computer to the device :

Go to the load data parameter using the 'MENU' button on the device. Select Yes by using the 'OK' button and Yes by using the up, down button. Then press the 'OK' button and wait for the data of the program you made with the 'School_Bell_System_v3.5' program to be transferred to the device.
Note: The data will be loaded in approximately 1-2 minutes. You can follow the current loading rate (% rate) during loading on the right side of the screen.

```
LOADS DATA !
YES
```

```
PLEASE WAIT %0
,LOADING DATA...
```

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9- Using the Remote Key:

The 1/2/3/4 buttons of the remote control that comes with the device (as seen on the side), which has 4 buttons on it, will play the Announcements in 'MP3' format that you have selected from the 'Announcements Switched with the remote control' section that you have made with the 'School_Bell_System_v3.5' program.

Example: You can play the announcement number 1 of the program by pressing the number 1 button of the remote control and turn it off by pressing the number 1 button again. (3 seconds must pass between on and off operations. 3 seconds is to prevent accidental pressing)

Note: The visual on the side is a representation. Different remote control may be included in the box.

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10- Terminal on the device (input):

You can play the announcements in the port announcements section of the 'School_Bell_System_v3.5' program by using the Trigger Input inputs on the back of the device.

Note: In case of a continuous trigger, the announcement will be repeated until the trigger is cut off and the announcement ends.

11-Amplifier power output of the device:
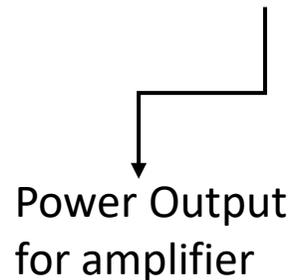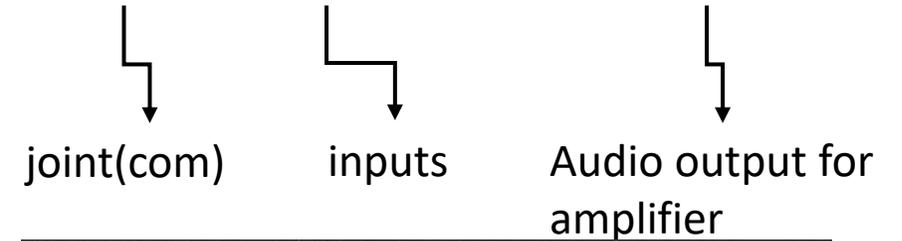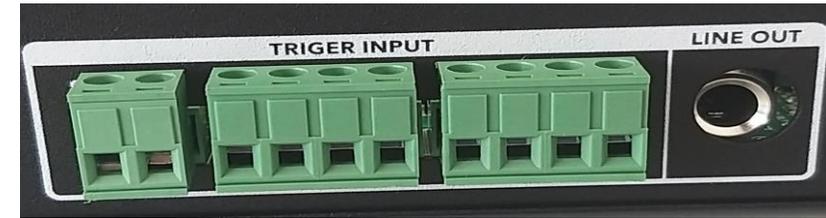
This output is automatically activated when sounds such as Entry bell, Exit bell, Announcements are played. It can also be activated manually from the menu.

joint(com)　　inputs　　Audio output for amplifier

Power Output for amplifier

Example connection
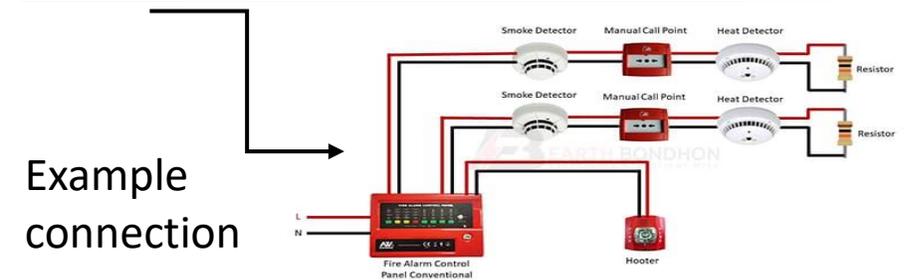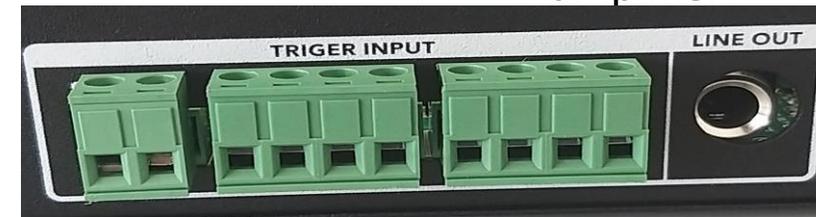
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12-Device Connections:

Device Power input

Amplifier power output

joint(com)

inputs

Audio output for amplifier

Computer USB Connection Input

2X16 Lines LCD Display

Keyboard Keypad
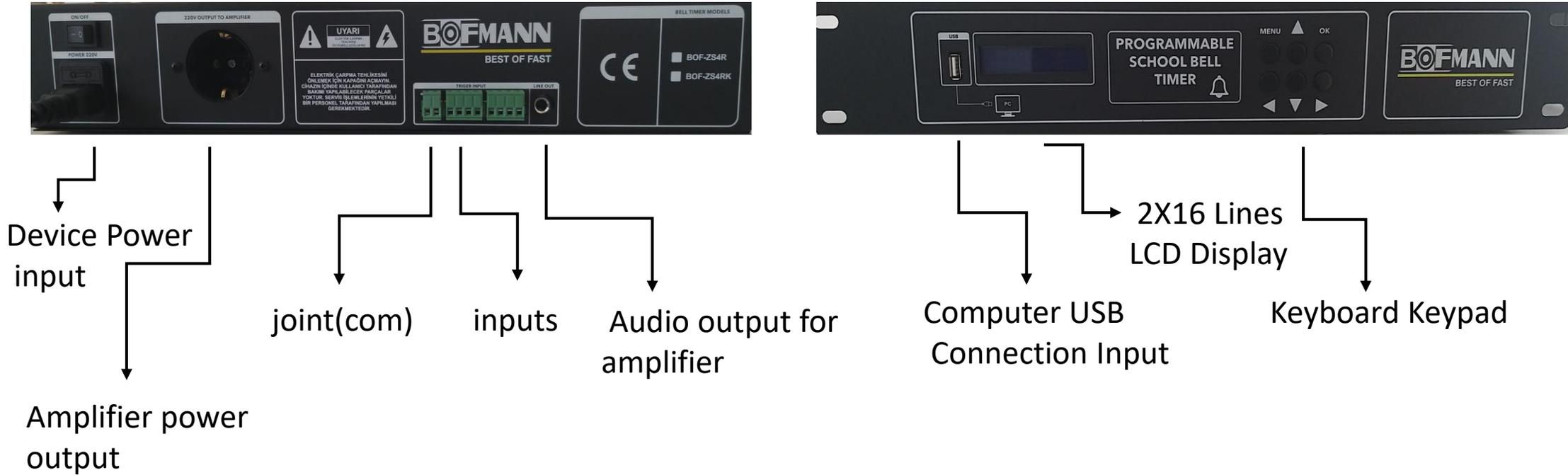
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*Never let the device come into contact with liquid. Do not clean with chemicals. You can clean it with a damp or dry cloth.

*In case of malfunction, do not try to repair the device yourself. You may be electrocuted.

*Do not give different file and folder names to the files in the device other than the folder names created at the factory. Otherwise the system will not work.

*Calibrate device settings, especially in time zones other than time settings. When you enter the menu and make settings, announcements related to time setting functions will not be made.

*It is recommended that the device supply voltage source be UPS (uninterruptible Power Supply).

*It is recommended that you check the time and date calibration at a time of your own choosing.

*The LCD Screen light will not turn on when the menu is not entered or the buttons on the keyboard are not pressed. Designed to extend the life of your device.

*There are 16 different time clocks for each day.

*Factory default program values are on the next page.

*National anthem downloads must be defined in the number 1 fields in the program.

Example: In the Announcements Switched by Remote Control section, the national anthem should be selected in field number 1.

*If there is something you are not sure about in the program, reprogram the device with 'School_Bell_System_v3.5'.

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FACTORY DEFAULT SETTINGS:

ELECTRICAL CONNECTIONS

Amplifier

4Ω - 8Ω Speaker

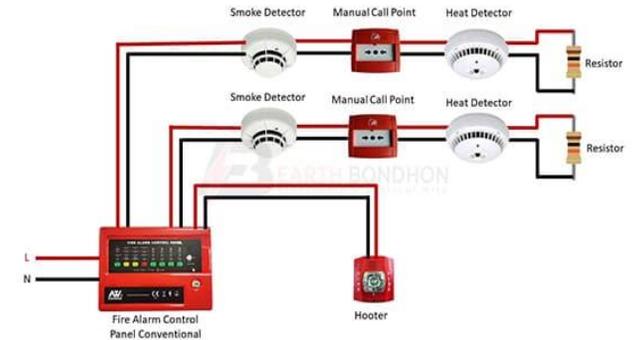**Microphone**

Amplifier

Amplifier Supply Input

Switch ON/OFF

Power Supply 230VAC

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Example Connection:

Fire/Earthquake Alert Panel

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