

USER MANUAL - SCHOOL BELL PRO



Points to be noted for understanding the user manual:

1=“ ESC Key”(EscapeButton,use for ReturnfromSettingMode or switching b/w Auto-manual functions)

2=“ LEFT Key”(CurserLeft Shift Button/ AmplifierManually on Button.)

3=“ RIGHT Key”(Curser Right Shift Button)

4=“ INC Key”(Curser or Value Up Shift Button/ModeChange Button.)

5=“ DEC Key”(Curser or Value Down ShiftButton /Emergency Siren ON Button.)

6=“ ENT/PROG Key” (Program / Select Button.)

7=“ LCD / SCREEN ”: - 1st Line Shows (“Day of Week”“Selected Mode” “NBT=Next Bell Time” “Upcoming AlarmTime”)and2nd Line Shows (“Current Time inHH:MM” “Current Date in DD-MM-YYYY”)

8 = Memory card slot supports up to 16 GB (memory card of 8GB with pre-loaded sound file is already installed here).

9 = ON/OFF Switch (used for System/Timer make ON or OFF)

10 = 3 Pin power plug (Should be insert in 220-240-volt AC supply Socket)

11 = 5 Ampere Fuse is placed here for system protection.

12 = 3 Pin Power Socket used for Supply, power of 220–240-volt AC to Amplifier Machine.

13 = Audio AUX Connector that Connect to Amplifier’s AUX/MIC input Socket.

1.How To Start or Setup Timer:

- ❑ 1st Connect Timer's 3 pin power plug to the 220 Volt AC supply socket of electric Board and make switch ON.
- ❑ Connect Amplifier power plug to the school bell timer's power socket and make switch "ON" of Amplifier
- ❑ Audio AUX connector of timer connects with Amplifier's AUX/MIC input socket.
- ❑ Connect all speakers and horns parallel with amplifier's speaker output pin.
- ❑ Using Timer's ON/OFF switch make system ON and make sure Timer's LCD becomes ON and show home screen (as Figure-1).
- ❑ Play sound file manually by using "manual mode(2)" for checking installation is ok or not.

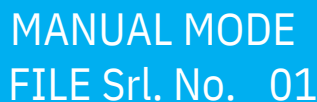


THU SM NBT-16:15
12:25 17-07-2025

Fig-1. HomeScreen

2.How to play Sound file manually (Manual mode):

For play sound file manually, Press 'ESC' key when machine is at Home Screen and make sure Timer's LCD show screen as Figure-2.



MANUAL MODE
FILE Srl. No. 01

Fig-2. ManualmodeScreen

Select file number by using 'INC' & 'DEC' key. Press "ENT/PROG" key to play selected file. Auto schedule won't work until machine is in Manual Model. To roll back to Auto-mode press 'ESC' key and make sure Timer's LCD show home screen as Figure-1.

3. How to play Emergency Siren:

Press Emergency Siren ON Button ('DEC' key) when machine is at Home Screen as Fig-1 for play Emergency Siren in any emergency situations and make sure Timer's LCD show screen as Figure-3 while playing emergency siren.



EMERGENCY SIREN
ESC TO QUIT _

Fig-3. EmergencySirenPlayScreen

To stop Emergency siren press 'ESC' key and make sure Timer's LCD show home screen as Figure-1.

4. How to switch between different Modes:

When Machine is at Home Screen press "IN C" key, following screen will appear as figure-4:



SELECT MODE
SUMMER_

Fig-4.ManualmodeScreen

By using 'INC' & 'DEC' key select Summer, Winter or Exam mode and Press "ENT/PROG" key to select Programming MODE.

1. To Select SUMMER Mode (SM): Press 'ENT' Key when cursor is on SUMMER
2. To Select WINTER Mode (WM): Press 'ENT' Key when cursor is on WINTER
3. To Select Exam Mode (EM): Press 'ENT' Key when cursor is on EXAM

The mode selected once will run by default until it is switched to some other mode. Suppose from tomorrow WINTER schedule needs to be executed, just switch to 'WINTER' mode and winter schedule will execute. Likewise, user can switch as many times among these 3 modes and reduce the hassle of programming schedule every time.

Note: The program unit is featured with power on reset facility. So, in case of any irregularity in next bell time just put off the unit for 30 sec and again put it on. System will recover from such problems.

5.How to Make Amplifier Manually ON:

To make amplifier ON Press "LEFT Key" for play sound file from other sources like mobile phone's aux input, any Bluetooth devices or mic etc. While manually amplifier ON, the following screen will appear as figure-5:



DAY AMPLIFIER ON
HH:MM DD:MM:YY

Fig-5.Amplifier ManuallyON

To roll back to Auto-mode again press 'LEFT/AMP ON' key and make sure Timer's LCD show home screen as Figure1.

6.How to DATE & TIME set:

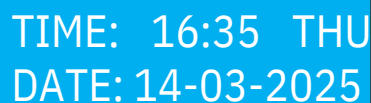
Press 'ENT' key to enter into programming mode the following screen will appear as figure-6:



SET DATE & TIME_
ADD BELL PROGRAM

Fig-6. programming menu screen

Use 'INC' & 'DEC' key to scroll cursor between the available options. Again Press 'ENT' key while cursor blinking on "SET DATE & TIME" option and the following Adjacent screen will appear as figure-7.



TIME: 16:35 THU
DATE: 14-03-2025

Fig-7.SetDateandTimeSetMenuScreen

Use 'INC' or 'DEC' keys to increment/decrement the values and 'LEFT' & 'RIGHT' Keys to move the cursor. After entering current date and time again Press 'ENT' key to save and back to the programming menu screen or can skip any time without saving by pressing "ESC" Key. Now either Use 'INC' & 'DEC' key to scroll cursor between the available other options like Add Bell Program, Modify Bell Program and Delete Bell Program Menu or Press 'ESC' key to exit programming mode and make sure Timer's LCD show home screen as Figure- 1.

7.How to Reset or Clear all previously programmed bell schedule:

For reset all previously programmed Bell schedule at a time press 'RIGHT' key for 5 seconds or until show Reset Successful on LCD screen. After that all previously programmed bell clear from system.

8.How to Add BELL:

Press 'ENT' key to enter into programming mode, the screen will appear as figure-6. Use 'INC' & 'DEC' key to scroll cursor between the available options. Again Press 'ENT' key while cursor blinking on "ADD BELL PROGRAM" option and make sure Timer's LCD show screen as Figure-8.

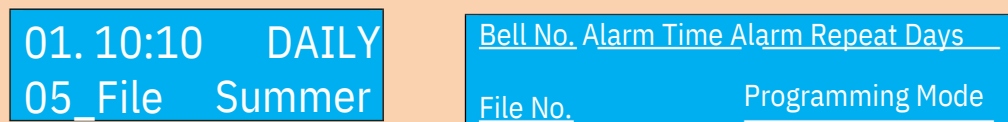


Fig-8. ADD BELL PROGRAM Screen

1st line of LCD shows Bell Number, Alarm Time and Alarm Repeat Day/Days and 2nd line shows File Number and Programming Mode that is describe separately one by one bellow.

Bell Number: It is Number of total Bell or Current Bell Number for example 1st Bell/2Nd Bell/3rd Bell etc and it is automatically increased by one each time when we save any bell schedule.

Alarm Time: It is Alarm Time in HH:MM format and should be program in 24 Hour Time mode. Use 'INC' & 'DEC' keys to increment/decrement the values and use 'LEFT' & 'RIGHT' Keys to move the cursor.

Alarm Repeat day/Days: It is the day/days on which this alarm will be repeated for example can be programmed only one day of each week (Mon/Tue/Wed/Thu/Fri/Sat/Sun) or Monday to Friday (Mo-Fr) or Monday to Saturday (Mo-Sa) or daily. Use 'INC' & 'DEC' keys to change the days options and use 'LEFT' & 'RIGHT' Keys to move the cursor.

File Number: It is Audio File Number that wants to play for the programmed bell time which is saved in memory and should be program in the range of 1 to 99. Use 'INC' & 'DEC' keys to increment/decrement the values and use 'LEFT' & 'RIGHT' Keys to move the cursor.

Programming Mode: It is the MODE in which want to save the bell and the bell play only when timer run in this programming mode, for example a bell we can save in any one of 3 MODEs (Summer, Winter, Exam) but the timer can run in only one MODE at a time and only those bell schedules play which is saved in that MODE. Means We can program all the required bell for each MODE and can be select the required mode at any time for play bell schedules of that MODE. Use 'INC' & 'DEC' keys to change the required MODE and use 'LEFT' & 'RIGHT' Keys to move the cursor.

After entering all the value as per program bell schedule, Press 'ENT' key to save that bell and after press 'ENT' key, the similar adjacent screen will appear for next bell schedule and for save next bell schedule we

have to follow the same method that use for previous bell schedule programmed or press “ESC” Key any time for return back to the programming menu screen without saving current or last bell schedule.

9.How to Modify BELL:

Press ‘ENT’ key to enter into programming mode, the screen will appear as figure-6. Use ‘INC’& ‘DEC’ key to scroll cursor between the available options. Again Press ‘ENT’ key while cursor blinking on “MODIFY BELL PROGRAM” option (refer Fig-9). After that an adjacent screen will appear like Fig-8.



MODIFY BELL PROG_
DELETE BELL PROG

Fig-9. programming menu screen

Now we can check or delete any bell schedule.

- Use ‘INC’ & ‘DEC’ keys to change the values.
- Use only ‘RIGHT’ Key to move the cursor.
- Use ‘ENT’ Key to save modified value.
- Use ‘LEFT’ Key to jump next bell schedule for recheck or modify.
- Use “ESC” Key any time for return back to the programming menu screen without saving current or last bell schedule.

10.How to Delete BELL:

Press ‘ENT’ key to enter into programming mode, the screen will appear as figure-6. Use ‘INC’& ‘DEC’ key to scroll cursor between the available options. Again Press ‘ENT’ key while cursor blinking on “DELETE BELL PROGRAM” option (refer Fig-9). After that an adjacent screen will appear like Fig-8.

Now we can check or delete any bell schedule.

- Use ‘INC’ & ‘DEC’ keys to change the next or previous bell schedule.
- Use ‘ENT’ Key to Delete Bell Schedule.
- Use “ESC” Key any time for return back to the programming menu screen without deleting current bell schedule.

11. How to upload Sound files to Micro-SD Card:

Just follow these steps:

1. Switch OFF the device power supply from Power ON/Off switch.
2. Push Micro-SD card to unlock it and slowly pull that out of the slot.
3. Mount the Micro – SD card on some card reader and upload your desired sound files into it.
4. Always remember the sequence of files in which you upload them in Micro-SD card, so that you can select correct file number while programming.
5. Remount Micro-SD card to the device and push to lock the same.
6. Switch ON the power supply from Power ON-OFF Button.

* Thank you *



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