

OPERATING MANUAL

AUTOMATIC SCHOOL BELL / MESSAGING SYSTEM (Model:SBT16)



Home Screen:

07:12:18 WED
17/SEP/16
{SUMMER}
DIGICON PRO

There is two operation's are possible **1. MANUAL MODE** **2. MENU/BACK**

Manual mode: For **broadcast** bell manually. Press '**MANUAL**' key when Machine is at Home Screen. ENTER PASSWORD Screen appears, Enter password to proceed.

ENTER PASSWORD

Key the file number by using keypad '**Maximum no. is 99**' to broadcast The message or play the bell file.

Auto schedule won't work until machine is playing in Manual Model. Machine will roll back to Auto-mode after playing the file.

MANUAL
BROADCAST??

(MENU/BACK KEY (PROGRAMMING DEVICE))

Programming the unit for automatic operation:

Press '**MENU**' key to enter into programming mode. Machine will ask for password. Enter password to enter Into Programming menu.

ENTER PASSWORD

Adjacent screen will appear.

1, 2, 3, 4, are key no. to enter to the available options.
Or go back by MANU/BACK KEY.

1 CLOCK SETTING
2 CALENDER SETTING
3 PASSWORD SETTTING
4 SYSTEM SETTING

1- CLOCK SETTING: Adjacent screen will appear.

Please key time in 24 hour format (It's the part of system setting)
It's not the bell time.

After successful setting, device will back to home screen.

SET - TIME
HH:MM

2- CALENDAR SETTING: Adjacent screen will appear.

Please input key no. in respect day order. After successful setting, device will back to home screen.

SET - DAY
M-T-W-T-F-S-S
1-2-3-4-5-6-7
(?)

Note: above two settings was an initials system setting.

3- PASSWORD SETTING: Next screen will appear.

Please input your desired 4 digit password for future use,
Please remember it.
After successful setting, device will back to home screen.



4-SYSTEM SETTING:

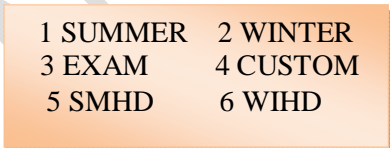
Inside system setting menu a new screen will appears with 4 new sub menus. In 1, 2, 3, 4, order,
First two (1,2) sub menu are for setting and another (3,4) are for reading above two settings, details are given bellow !
The screen will look like this,



Enter Respected Ordered Key No. or Go Back To Home Screen.

1. **SET PROFILES:-** Adjacent screen will appear, There's six profiles listed

- SUMR** Summer Profile
- WINT** Winter Profile
- EXAM** Examination Profile
- CSTM** Customized Profile
- SMHD** Summer Half-Day
- WNHD** Winter Half-Day

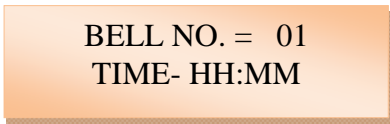


Users are recommended to set all listed profile during system setting (these setting are one time only).

Note: These profiles are time tables for ringing the bells, these are fully customizable at any time during setting or later, but it's necessary to set at least one profile to ring the device by scheduled time, Enter in desired profile and fill time and ring details, please consider time in 24 hour format, summer and winter profile have 30 bell each day while other profile have 20 bells each day. This is enough to fit for two shifts School, Institution or Factory. Please be careful during profile setting, keep all time and bell data in hand, please don't make mistake to put time and ring data from first bell to last bell if one make mistake in single bell they have to set it again from first bell to last bell.

If one need to set only 8 bells, and need to exit from profile menu just press BACK key immediately while device display saved the last bell, or leave the system as it is for display time out, device will save all bell and exit, or simply power off the device for 5 seconds.

Profile setting screen looks like this:
Having finished the Profile setting device displays Home Screen,



While device displays home screen to switch between various set profiles PRESS KEY 1/ KEY 2/KEY3/ or KEY4 TWICE in respect of SUMMER, WINTER, EXAM, AND CUSTOM PROFILE order. In this case weekly off day will be SUNDAY and selected profile will remain for current whole month.

2. **SET SCHEDULE**

If you are looking for detailed SCHEDULE setting for running month, please follow Schedule setting, please go through MENU-> PASSWORD-> SYSTEM SETTING (KEY 4) -> SCHEDULE SETTING, please fill details asked by device, you may define multiple

profiles in single month or custom weekly OFF DAY or SECOND SATURDAY or HALF DAY too. IN THIS CASE THE SETTING WILL BE ONLY FOR CURRENT MONTH.

Screen will look like this ->

WEEKLY OFF DAY
M-T-W-T-F-S-S
1-2-3-4-5-6-7
(?)

NOTE: PLEASE BE CAREFUL IF YOU SWITCH PROFILE FROM HOME SCREEN THIS SETTING WILL LOSE.

3. READ PROFILES

We can read the BELL TIMING of various profiles from here (we may reach here MENU->PASSWORD ->SYSTEM SET.-> READ PROFILES. Please select desired profile no. to read the bell timing of that profile. Having selected the profile no. device begins display BELL NO. BELL HOUR BELL MINUTE AND BELL FILE CODE one by one, after display the entire bell timings device will return to home screen.

4. READ SCHEDULE

To read scheduled profile for month (DATE BY DATE) we have to reach this sub menu. Key sequence to reach here is MENU->PASSWORD->SYSTEM SETTING (4)->READ SCHEDULE(4).

Device will start to display WEEKLY OFF DAY, SCHEDULED MONTH, and profile name set on that date, device will return to home screen after display whole months schedule.

NOTE: The profile mode selected once will run by default until it is switched to some other mode. Suppose from tomorrow WINTER schedule need to be executed, just switch to '**Winter**' mode (**by pressing key '2' twice**) and winter schedule will execute. Likewise user can switch as many times among these 4 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.

UPLOADING SOUND FILES TO MICRO-SD CARD: (FOR DEALERS & TECHNICIANS ONLY)

Just follow following steps:

1. Switch OFF the device power supply from Power ON/Off switch.
2. Open the system cabinet.
3. Push Micro-SD card to unlock it and slowly pull that out of the slot.
4. Mount the Micro-SD card on some card reader and upload your desired sound files into it.
5. 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.
6. Remount Micro-SD card to the device and push to lock the same.
7. Switch ON the power supply from Power ON-OFF Button.

For further assistance: write us:

digicon-systems@outlook.com info@digicon-systems.in

Message ID & details for manual broadcasting

- 01---FIRST PERIOD**
- 02---SECOND PERIOD**
- 03---THIRD PERIOD**
- 04---FOURTH PERIOD**
- 05---FIFTH PERIOD**
- 06---SIXTH PERIOD**
- 07---SEVENTH PERIOD**
- 08---EIGHT PERIOD**
- 09---NINTH PERIOD**
- 10---ZERO PERIOD- LONG BELL**
- 11---NATIONAL ANTHEM WITH MUSIC**
- 12---NATIONAL ANTHEM IN 52 SECONDS**
- 13---ASSEMBLY**
- 14---VANDEMATRAM**
- 15---EMERGENCY SIREN**
- 16---LUNCH**
- 17---ARMY MARCH BAND**
- 18---SINGLE BELL ONLY**
- 19---SINGLE BELL PLUS BE READY FOR PRAYER FEMALE VOICE**
- 20---LONG BELL PLUS FIVE PERIOD BELL NO VOICE**
- 21---ONLY FIVE PERIOD BELL NO VOICE**
- 22---SINGLE BELL PLUS READY FOR NATIONAL ANTHEM FEMALE VOICE**
- 23---HOSTEL STUDENTS ONLY *(Custom Message)**
- 24---GIRLS STUDENTS ONLY FINAL *(Custom Message)**
- 25---ALL TRANSPORT FINAL *(Custom Message)**
- 26---OFF-DAY (SCHOOL CLOSE)**
- 27---SARE JAHAN SE ACHCHHA HINDOSTAN HAMARA (INSTRUMENTAL BAND MUSIC)**
- 28---HUM HONGE KAMYAB RK DIN**
- 29---ITNI SHAKTI HAME DENA DATA (HINDI PRAYER)**
- 30---INDIAN PATRIOT SONGS (ONE-BY ONE- 1 HOUR CONTINUE PLAY)**

More audio message can add or deleted as per need pls. ref.

UPLOADING SOUND FILES TO MICRO-SD CARD We can create audio message as per your need for your upload.

Note: Information of this page is regarding our (voices based device). SBT16.02

Technician's Information

Method to factory reset device.

- 1- **Switch OFF the power of device.**
- 2- **Keep MANUAL key pressed.**
- 3- **Switch ON the power of device (keep manual key hold).**
- 4- **When single beep, leave the manual key, device will ask for reset code, input "2016" as reset code, device initiate in factory default, wait while WAIT.. On screen, it will take some time (2 to 3 minutes).**

How to recover lost password

1. **Switch OFF the power of device.**
2. **Keep "0" key pressed.**
3. **Switch ON the power of device (keep "0" key hold).**
4. **Whenever single beep, leaves the '0' key, device will display device password just for 2 seconds, (please keep these tricks confidential for repair and solve the problem only).**

Setup ringer ringing delay (General Setting) **

Note:(This information is only for Gong bell type devices)

In default setting gong bell rings for 3 seconds and stop for 2 seconds (on time 30 & off time 20) ,

If need custom delay for ON delay and OFF delay, press "9" key twice (with one second gap),

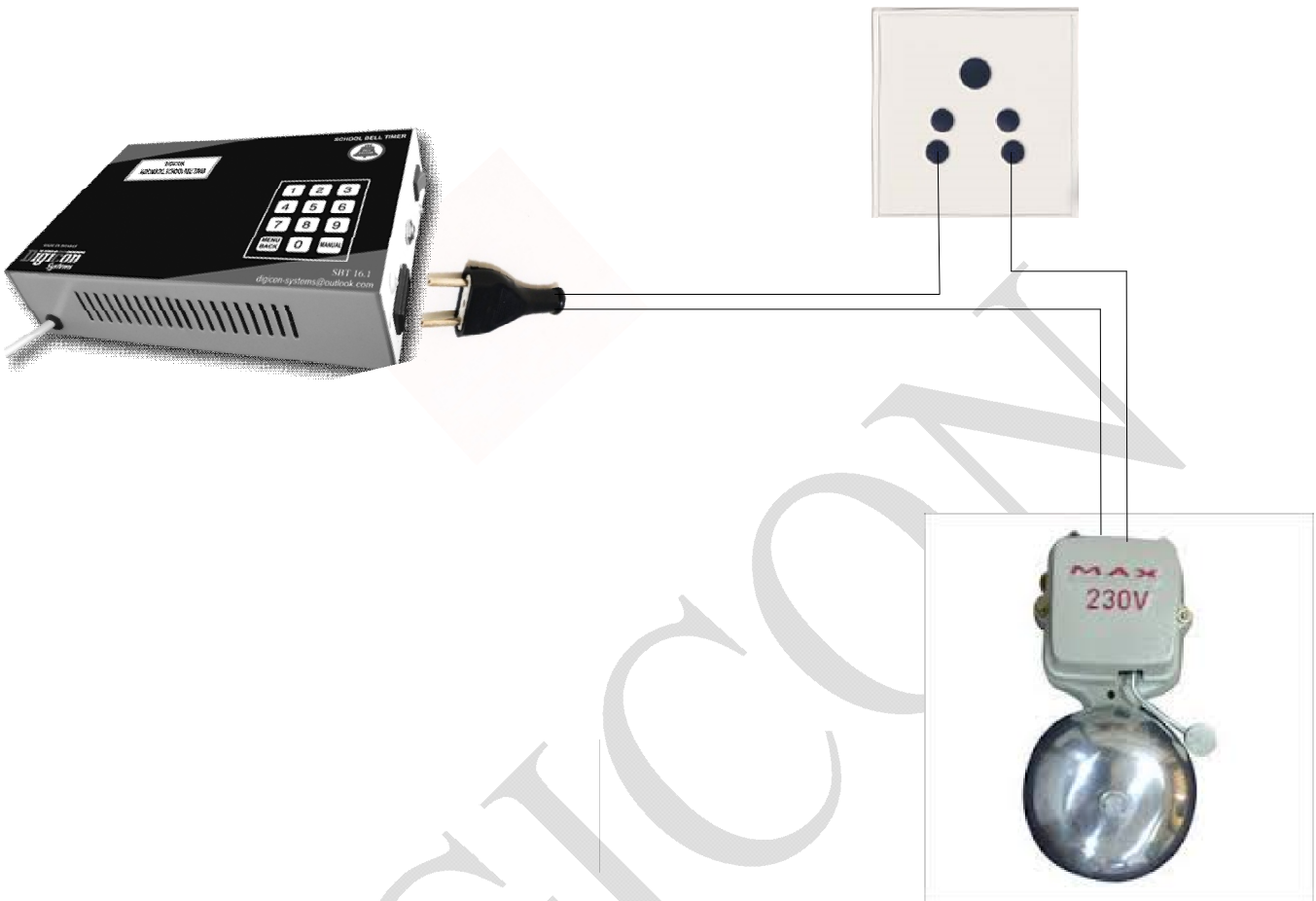
Delay setting will appears on screen, input ON time value and OFF time value.

Note: the delay is divided by 10 in respect off second, per example to set 1 second delay value will be "10" and for 2 seconds delay value will be 20 so on.

How to change audio output level (volume)

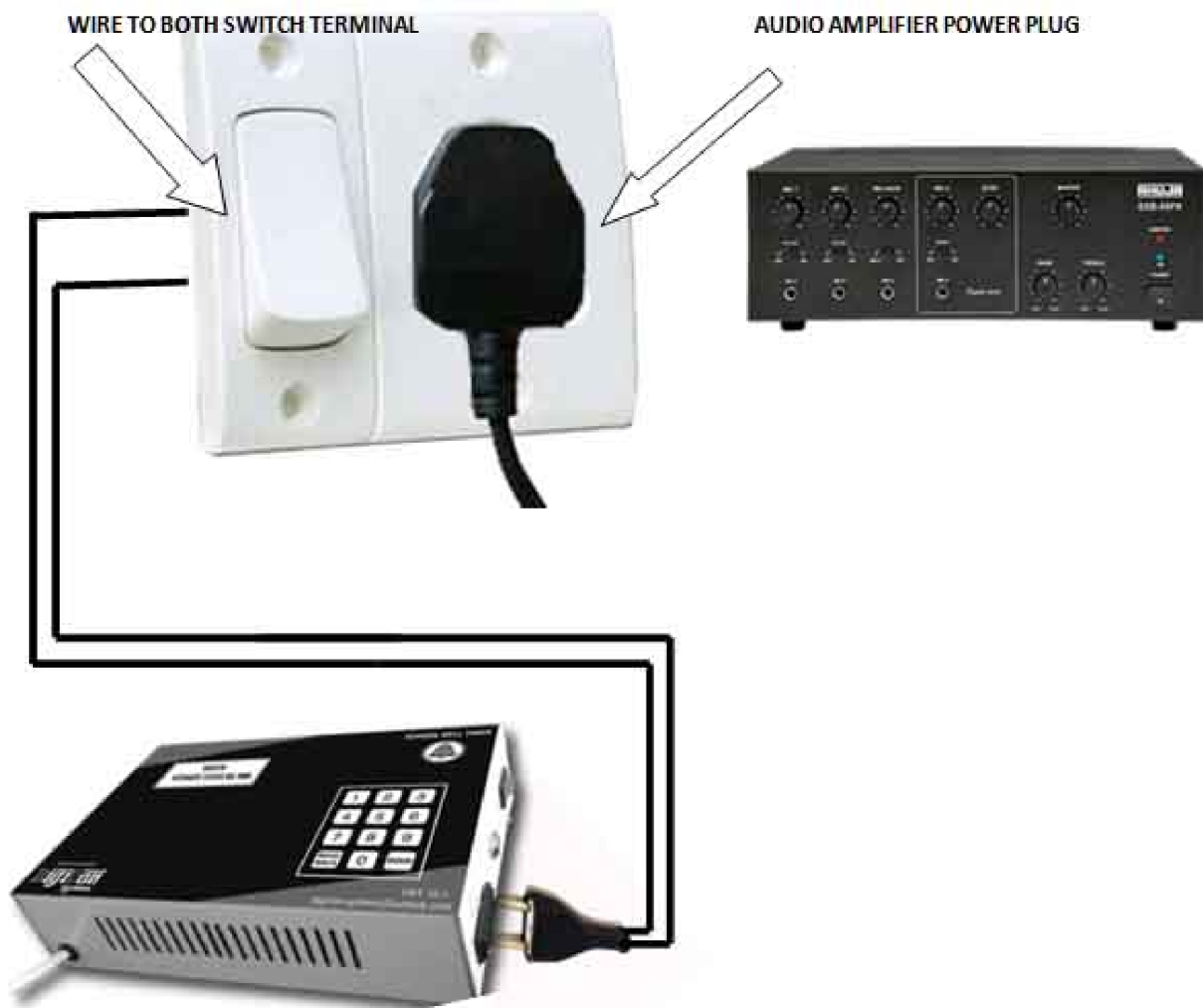
1. **Switch OFF the power of device.**
2. **Keep "9" key pressed.**
3. **Switch ON the power of device (keep "9" key hold).**
4. **Whenever single beep, leaves the '9' key, device will display device volume setting menu, please input desired audio output level between 01 to 25 it will auto saved. (Please keep these tricks confidential for repair and solve the problem only).**

Connection Diagram for Gong-bell



Note: Device acts just like series switch, so no need to care power of connected Gong bell, any gong bell (AC/ DC) can be operated.

Connection Diagram for PA system (Auto power on/off)



Note: The female power jack of device act just like a switch (AC/DC).

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