



## OPERATING MANUAL FOR AUTOMATIC SCHOOL BELL Timer (Model - APB)

### Home Screen:

01 JAN WED 13:30  
SM-NEXT ON 14:00

**Manual mode:** For ringing bell manually. Press '**Shift**' key when machine is at Home Screen. To ring press '**Inc**' key and to stop ringing press '**Dec**' key. Auto schedule won't work until machine is in Manual Model. To roll back to Auto-mode press '**Shift**' key.

MANUAL MODE  
INC=ON      DEC=Off

### Programming the unit for automatic operation:

Press '**ENT**' key to enter into programming mode.  
Use Shift key to scroll between the available options.

SET DATE & TIME  
PROG SUMMER MODE

(A) To set current date and time press '**ENT**' key on

SET DATE & TIME menu:

Use '**INC**' or '**DEC**' keys to increment/decrement the values and '**Shift**' to move the cursor. To save and revert to programming menu screen press '**ENT**' key.

01 JAN MON 13:30  
SET DATE & TIME

(B) There are basically 5 modes of programming different schedules of a year named as follows:

1. Regular Mode.
2. Unit Test Mode.
3. Exam Mode.
4. Summer Mode.
5. Spare Mode.

Scroll the cursor using '**Shift**' key to view and edit all these modes in programming menu. Programming Method is same for all five modes as explained below:

All five modes have facility to program 30 schedules. We are taking example of Regular Mode:

After setting current date and time, use '**Shift**' key to move the cursor on PROG REGULAR MODE

Press '**ENT**' key to select the menu. The same process is to be followed for programming any of the five modes.

SET DATE & TIME  
PROG REGULARMODE

Machine will then ask to enter total bells required to ring in 24 hours. Maximum option of 30 bells is available. Use '**Inc**' key to increment and decrement the value and '**Ent**' to save to move to move to next screen.

ENT TOTAL BELLS  
30

01 BELL TIME PRD  
07:30          07 SEC

# Super Sync Technologies



This screen shows Bell Time and ringing duration of 1<sup>st</sup> bell of the day. Use '**Inc**' key & '**Dec**' key to edit bell time. Use '**Shift**' key to move the cursor to Minutes and edit it. Again use '**Shift**' key to move cursor to edit ringing duration. Ringing duration can be anytime between 01-99 seconds.

As per the screen shown above bell will ring at 07:30 AM for 07 seconds. Likewise user can program the entire day schedule. Please note the clock works in 24 Hours clock schedule, so for programming 01:00 PM enter 13:00 hours. Use '**Ent**' key to save and move to next screen. After programming last bell Of the day, press '**Ent**' to return to the programming menu.

Follow exactly same procedure to program all five modes. How to select the mode of ringing is explained on page no. 3.

(C) Program Weekly Off: On scrolling down the screen using '**Shift**' key on the programming menu, following Screen will appear.

Press '**Ent**' key to select the menu of you have any day as weekly off.

SUMMER MODE PROG WEEKLY OFF
--------------------------------

Machine will ask the permission if you have weekly off then press '**Ent**' on Yes else use '**Shift**' key to move the cursor on NO and press '**Ent**'. If YES then machine will ask for the weekday for weekly off. Use '**Inc**' key & '**Dec**' key to select the weekday and press '**Ent**' to save to exit.

PROG WEEKLY OFF <u>Y</u> ES                      NO
--

SELECT WEEK DAY SUN
------------------------

(D) Program Monthly off:

Press '**Shift**' key on PROG WEEKLY OFF to scroll to this menu & Press '**Ent**' key to select.

PROG MONTHLY OFF PROG HALF DAY
-----------------------------------

Again the unit will seek the permission to for monthly off. If YES selected then machine will ask the date.

PROG MONTHLY OFF <u>Y</u> ES                      NO
---

User has following options to select:

- Any date of the month as fixed holiday.
- Last Working day of the month. Machine will automatically Adjust between 28, 30 & 31<sup>st</sup> dates.
- Second Saturday.

SELECT DATE <u>L</u> ASTDAY OF MONTH
---

SELECT DATE <u>S</u> ECOND SAT
-----------------------------------

SELECT DATE <u>2</u> 5
---------------------------

(E) Program Half Day:

Press '**Shift**' key on PROG MONTHLY OFF to scroll to this menu & Press '**Ent**' key to select.

PROG MONTHLY OFF PROG HALF DAY
-----------------------------------

# Super Sync Technologies



User has two options to choose one out of two:

1. Weekly
2. Monthly

PROG HALF DAY  
WEEKLY MONTHLY

**Weekly:** If weekly option is selected, machine will ask for the weekday for half day.

Select day using '**Inc**' key & '**Dec**' key and press '**Ent**' to save.

Total 30 bells can be programmed in 24 Hours. Programming Method is same as Prog Regular Mode.

SELECT WEEK DAY  
SAT

**Monthly:** If monthly option is selected, machine will ask for day of month for half day. Three options are present:

1. Any date of the month as fixed holiday.
2. Last Working day of the month. Machine will automatically adjust between 28, 30 & 31<sup>st</sup> dates.
3. Second Saturday.

Rest complete process is same as Prog Regular Mode.

SELECT DATE  
LAST DAY OF MONTH

## (F). EXIT PROGRAMMING MODE:

Scroll cursor using '**Shift**' key to Exit Programming Option and Press '**Ent**'. Machine will scroll to Home Screen.

PROG SPARE MODE  
EXIT PROGRAMMING

## How to switch between different Modes:

When Machine is at Home Screen press "**INC**" key, following screen will appear:

SELECT PROGRAM  
REG UT EX SUM SP

To select:

1. Regular Mode: Press '**ENT**' Key when cursor is on **REG**
2. Unit test: Press '**SHIFT**' once, cursor will come at "**UT**", press '**ENT**'.
3. Exam Mode: Press '**SHIFT**' twice, cursor will come at '**EX**', press '**ENT**'.
4. Summer mode: Press '**SHIFT**' thrice, cursor will come at '**SUM**', press '**ENT**'.
5. Spare mode; Press '**SHIFT**' four times, cursor will come at '**SP**', press '**ENT**'.

The mode selected once will run by default until it is switched to some other mode. Suppose from tomorrow unit tests are commencing, just switch to '**UT**' mode and unit test schedule will execute. After completion of unit tests user can again switch back to Regular mode, like wise user can switch as many times among these 5 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.