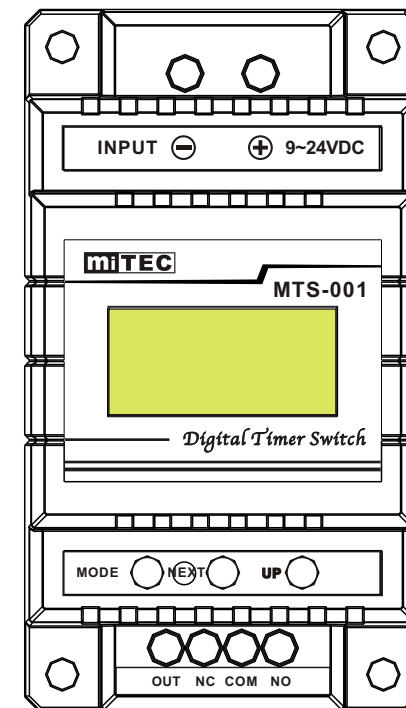


**miTEC**

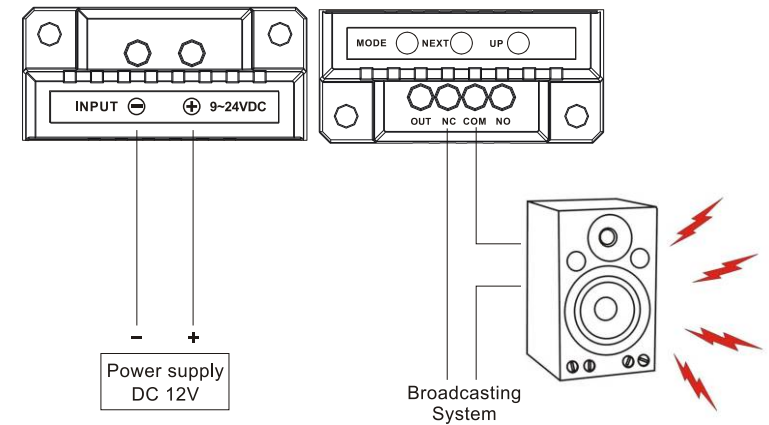
**MTS-001**

**Weekly Programmable Timer Switch**

# **USER MANUAL**



### ○ Example 3

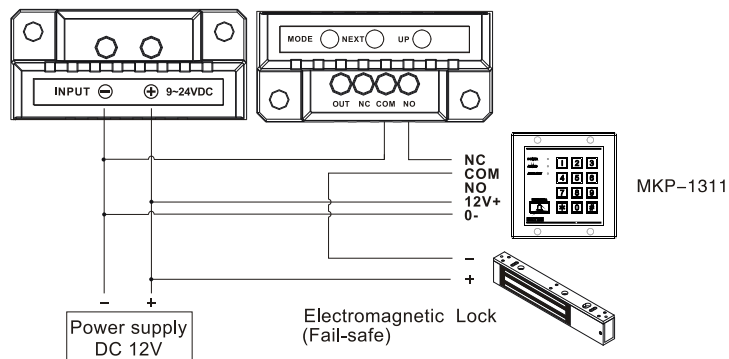


Example 3: (Play the hour reminding sound for a period time during business hours)

1. Monday to Friday AM 8:00~18:00, play the hour reminding sound for 1 minute per hour.
2. Setting Instruction: Press "MODE" - display and set "T7 BEG @08:00 M2F" - "T7 END @ 18:01" - "T7 ON 01m:00s" - "T7 OFF 59m:00s". Setting completed.
3. O/P OFF 10:26 「time set and relay status>, 「time」

## ● Application

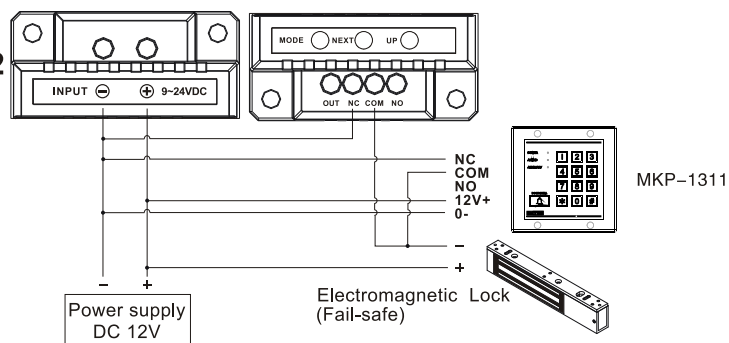
### ○ Example 1



Example 1 : (No prohibit entrance at lunch time during the business hours)

1. Monday to Friday AM 8:00~12:00, PM 13:00~18:00, Saturday and Sunday are controlled for entrance by keypad.
2. Monday to Friday PM 12:00~13:00 No Prohibit on the Entrance Control.
3. Setting Instruction: Press “MODE” - display and set “T1 ON @ 12:00 M2F” - “T1 OFF @ 13:00”. Setting Completed.

### ○ Example 2



Example 2: (Prohibit entrance at non-business hours)

1. Monday to Friday AM 8:00~18:00 are controlled for entrance by digital keypad.
2. Monday to Friday PM 18:00~Next Day AM 8:00, Saturday and Sunday entrance prohibited.
3. Setting Instruction: Press “MODE” - display and set “T2 ON @ 00:00 M2F” - “T2 OFF @ 08:00” - “T3 ON @ 18:00 M2F” - “T3 OFF @ 23:59” - “T4 ON @ 00:00 S2S” - “T4 OFF @ 23:59”. Setting Completed.

## ● Features

1. 6 Standard time-zone 12VDC ON/OFF settings, 1 cycle time-zone on/off setting;
2. 2x8 Digits LCD display and English/French language selection;
3. Relay rating 3A/120VAC, 3A/24VDC dry contact;
4. 9 weekly time zone settings.
5. 1 Manual on/off shift switch
6. Max. Power consumption: 1W. Fuse : 0.63A;
7. BST Inhibit
8. Dimensions: 53(W) X 99(H) X 65(D)mm

## ● Interface Description

1. Negative contact
2. Positive contact
3. LCD display

LCD can display following three formats:

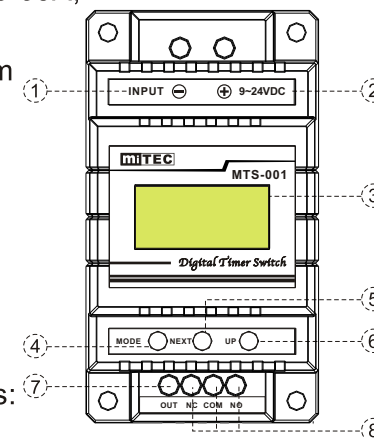
\* FRIDAY 10:26 「day」, 「time」

\* 20/12/08 10:26 「date」 -format:dd/mm/yy, 「time」

\* 3 O/P ON 10:26 「time set and relay status>, 「time」

Note: [3] means T3 timer is set ,[OFF] means RELAY status is off. [ON] means RELAY is on ,and N.O. and Com are connected and red light is on.

4. MODE switch  
Programmable mode and item choice
5. NEXT switch  
LCD display mode shift
6. UP Switch  
Manual shift relay output status
7. Output indicator  
Indicating the relay status
8. “NC COM NO” - Three relay output terminals



## ● Setting Description

### 1. Setting date and time

- Press "MODE", LCD display "DATE? 14/08/05"
- Press "NEXT" To choose the date, month and year
- Press "UP" Adjust the value
- Press "MODE", LCD display "TIME? 09/45/39"
- Press "NEXT" To choose the hour, minute and second  
(repeat the same process as setting the date)

### 2. Setting <T1-T6> Standard Time Zone Operation

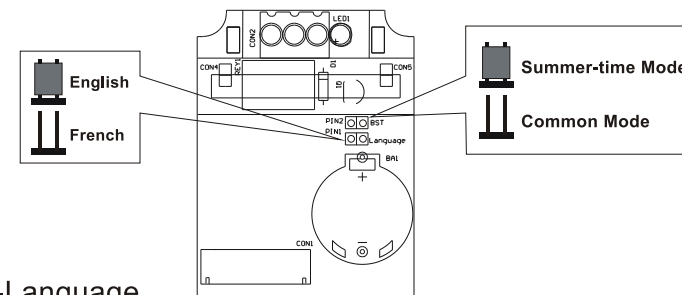
- Press 3 times "MODE" - LCD display " T1 ON @ 08:10 DAY"  
ON means start the relay operation.  
(Set the timer as the above process.)
- Press "MODE" LCD Display "T1 OFF @ 12:00" OFF means  
end of the relay operation. (Set the timer as the above process)
- 9 Weekly time zone settings (Last 3 digits indicated)

|                         |                       |
|-------------------------|-----------------------|
| • DaY Daily             | • Thu Thursday only   |
| • M2F Monday to Friday  | • Fri Friday only     |
| • S2S Saturday & Sunday | • Sat Saturday only   |
| • Mon Monday only       | • Sun Sunday only     |
| • Tue Tuesday only      | • Off Delete Function |
| • Wed Wednesday only    |                       |

### 3. Setting <T7> cycle time zone on/off function

- Press "MODE" Until LCD display " T7 BEG @ 00:10 DAY".  
BEG means starting time.
- Press "MODE" - display "T7 END @ 08:10". END means  
ending time.
- Press "MODE" - display "T7 ON 00m:00s". ON means  
the RELAY will be periodically switch between the time period.  
(N.O. and COM).
- Press "MODE" - display "T7 OFF 00m:00s". OFF means the  
RELAY will be reset to normal. (N.C. and COM).
- Press off : to delete all settings .

## 4. Language and BST Selection



### -Language

- Short the jumper at E/F for English
- Open the jumper at E/F for French

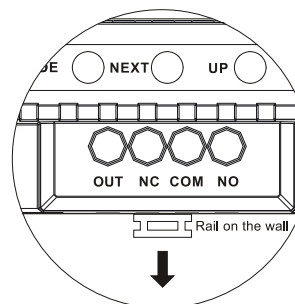
### -BST Inhibit

- Summer-time correction is enabled by short the jumper at BST
- LCD will display the last code after plug in BST jumper such  
as "S" or "W".
- "S" means summer-time mode.
- "W" means winter-time mode (common mode).

For example: 19/08/05 08:04 S  
22/12/05 11:26 W

## 5. Manual Shift Relay Status

- Press "UP" would change the relay status.
- This status would be maintain until the NEXT ON/OFF time  
is reached or press "UP" again.



After installed the Rail on the wall, push  
down the clip on TD66WN and tight it  
on the Din-Rail.