OPERATION MANUAL

DPT-9602
DIGITAL PROGRAM TIMER

PASCOM
Better Communication

Unpacking

This device is easy to install and use, but still we recommend you take a few

minutes to read this brief manual and familiarize yourself with the important

information regarding product features, setup and operation.

As with most electronic devices, we strongly recommend you to retain the original

packaging.

In case the product must be returned for service, which is not likely to happen,

the original packaging (or reasonable equivalent) is required.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK.

DO NOT REMOVE COVER (OR BACK).

NO USER-SERVICEABLE PARTS IN SIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING

To prevent fire or shock hazard, do not
expose the unit to rain moisture.

* Do not install this apparatus in a confined space such as a book vase or similar unit.
* The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such
  as vases, shall be place on the apparatus.
  Worded: "WARNING FOR YOUR PROTECTION PLEASE READ THE FOLLOWING-WATER AND
* MOISTURE: Unit should not be used near water(e.g.near a bathtub, washbowl, kitchen sink, laundry
  tub, in a wet basement, or near a swimming pool, etc). Care should be taken so than objects do not
  fall and liquids are not spilled into the enclosure therough openings."

This symbol is intended to alert the user to the
presence of uninsulated "dangerous voltage"
within the product's enclosure that may be of
sufficient magnitude to constitute a risk of
electric shock to persons.

This symbol is intended to aalert the user to the
presence of important operation and mainetnance
(servicing) instructions in the literature accompanying
the appliance.

Cauiton : To prevent electric shock do not use this (polarized) plug
with an extension cord, receptacle or other outlet unless
the blades can be fully inserted to prevent blade exposure.

Attentions : Pour preventir les chocs electriques ne pas utiliser cette
fuche polarisee avec un prolongateur, une prise de
courant on une autre soruie de courant, sauf si les
lames peuvent etre inserees a fond sans en laisser
aucune partie a decouvert.

Installation

Environment

Never place this product in any environment which could alter its performance or reduce its service life. Such environments usually include high levels of heat, dust, moisture, and vibration.

Important safety Instructions

1. Read these instructions and follow as written.

2. Keep this user manual for later use.

3. Do not use this product near water or any humid area.

4. Clean only with dry cloth.

5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

6. Do not install near any heat sources such as radiators, heater, stoves, or other amplifiers or electronic products that produce heat.

7. Protect the power cord from being walked on or pinched, especially on plugs and convenience receptacles.

8. Only use attachments/ accessories supplied by the manufacturer or authorized seller.

9. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or authorized seller. When operating with such accessory, be extra careful to avoid accidents.

10. Leave this device unplugged when not used for long periods of time.

11. Make sure this device is unplugged during lightening storm.

12. Refer all service to qualified service personnel. When opened, damaged or repaired by anyone unauthorized, service warranty might be invalid.

Features

①Variety of Sound Sources

13 pieces of melody and chime included. Compatible with external Voice File Product

(SV-9600)

②Recording

Internal recording function enables recording & playing of up to 180 seconds of

sound, even without external Voice File.
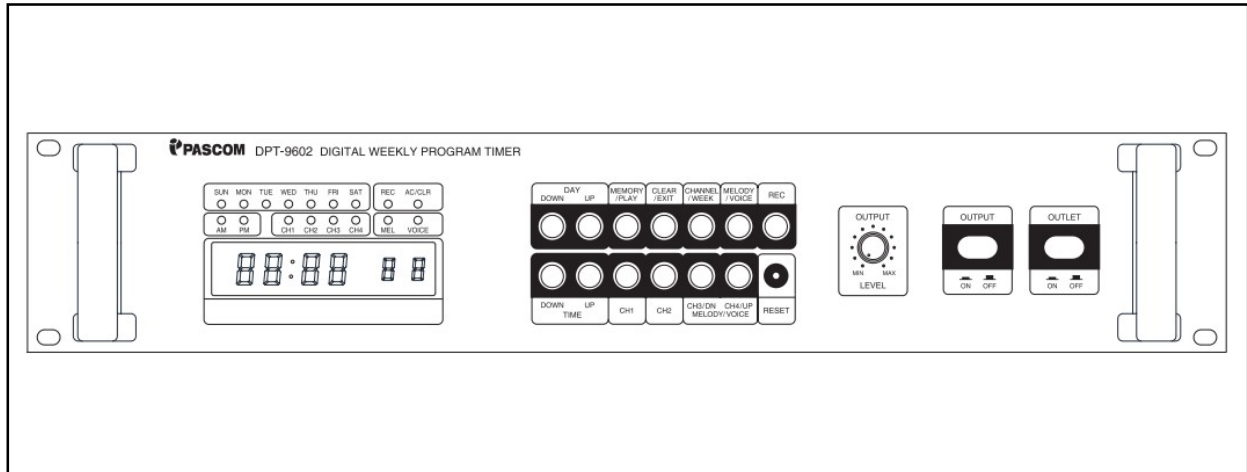
③Compatibility

Voice file of another manufacturer is also compatible with DPT-9602.

④Type of communication　: RS485

Transmitting Speed　　　: 2400 bps,N,8,1

FRONT PANEL

1. TIME SETUP

-Press TIME SETUP button in order to set time.

-Press and hold TIME UP/DOWN button for 1 second, and time on screen passes quickly.

1)When screen shows desired current time, press MEMORY/PLAY.

On screen, "Set" flashes twice and adjusted time is shown. (TIME SETUP completed.)

2)In case you want to cancel TIME SETUP, press CANCEL/EXIT and screen shows previously set time.

2. DAY SETUP

- Press DAY UP/DOWN in order to set the day of the week.

- Press and hold DAY UP/DOWN button for 1 second, and day on screen passes quickly.

1)When screen shows desired current day of the week, press MEMORY/PLAY.

On screen, "Set" flashes twice and previously set time is shown. (DAY SETUP completed.)

2)In case you want to cancel DAY SETUP, press CANCEL/EXIT and screen shows previously set time.

FRONT PANEL

3. MELODY MEMORY

- Press MELODY/VOICE button, and make sure LED turns on. Then, adjust Melody
  number and output channel by MELODY UP/DOWN, DAY UP/DOWN, TIME
  UP/DOWN buttons.
- Save and exit by MEMORY/PLAY button.

* MELODY MEMORY ADJUSTMENT *

1) Set Day and Time by DAY UP/DOWN and TIME UP/DOWN buttons.
2) Press MELODY/VOICE button and make sure MELODY LED is on.
   - Default output channel is previously set channel, melody number is 01.
     (If wanted, you can switch order of step 1) and 2).)
3) Choose melody number by MELODY/VOICE UP/DOWN buttons.
   - Press and hold MELODY/VOICE button for 1 second, and number
     on screen passes quickly.
   - Melody number ranges 1 to 13.
4) After melody number is set, choose output channel by CHANNEL/WEEK
   button. The number of selected memory will flash twice.
5) Choose output channel by CH1~CH4 buttons.

FRONT PANEL

4. VOICE MEMORY

  - Press MELODY/VOICE button, and make sure VOICE LED turns on. Then, adjust day
   and time, and also set VOICE number and output channel, by VOICE UP/DOWN, DAY
   UP/DOWN, TIME UP/DOWN buttons.

 - Save and exit by MEMORY/PLAY button.

  * VOICE MEMORY ADJUSTMENT *

   1) Set Day and Time by DAY UP/DOWN and TIME UP/DOWN buttons.

   2) Press MELODY/VOICE button twice and make sure VOICE LED is on.
     ※Default output channel is previously set channel, voice number is 01.
       (If wanted, you can switch order of step 1) and 2).)

   3) Choose voice number by MELODY/VOICE UP/DOWN buttons.
     - Press and hold MELODY/VOICE button for 1 second, and number
      on screen passes quickly.
     - voice number ranges 1 to 99.

   4) After voice number is set, choose output channel by CHANNEL/WEEK
     button. The number of selected memory will flash twice.
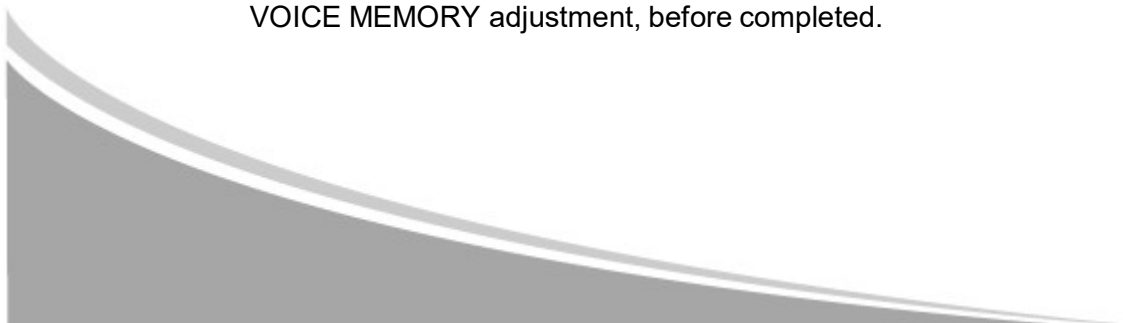
   5) Choose output channel by CH1~CH4 buttons.
     (Press once, and channel turns on. Press again, and it turns off. TOGGLE type)

   6) Save and exit by MEMORY/PLAY button, after "Set" on screen flashes twice.
     For more than 1 VOICE MEMORY, repeat step 1)~5).

   7) Press CLEAR/EXIT after VOICE MEMORY is completed, and then it comes
     back to show current time.

    ※ In case you want to exit without save, press CLEAR/EXIT <u>during</u>
      VOICE MEMORY adjustment, before completed.

FRONT PANEL

5. REC-PLAY MEMORY

- Press REC button, and make sure REC LED turns on. Then, adjust day and time, and also set **output** channel, by VOICE UP/DOWN, DAY UP/DOWN, TIME UP/DOWN buttons.
- Save and exit by MEMORY/PLAY button

* REC-PLAY ADJUSTMENT *

1) Set Day and Time by DAY UP/DOWN and TIME UP/DOWN buttons.

2) Press REC button and make sure REC LED is on.

※ Default output channel is previously set channel.

(If wanted, you can switch order of step 1 and 2.)

3) Choose output channel by CH1~CH4 buttons.

(Press once, and channel turns on. Press again, and it turns off. TOGGLE type)

4) Save and exit by MEMORY/PLAY button, after "Set" on screen flashes twice.

For more than 1 VOICE MEMORY, repeat step 1)~5).

5) Press CLEAR/EXIT after VOICE MEMORY is completed, and then it comes back to show current time.

※In case you want to exit without save, press CLEAR/EXIT <u>during</u> VOICE MEMORY adjustment, before completed.
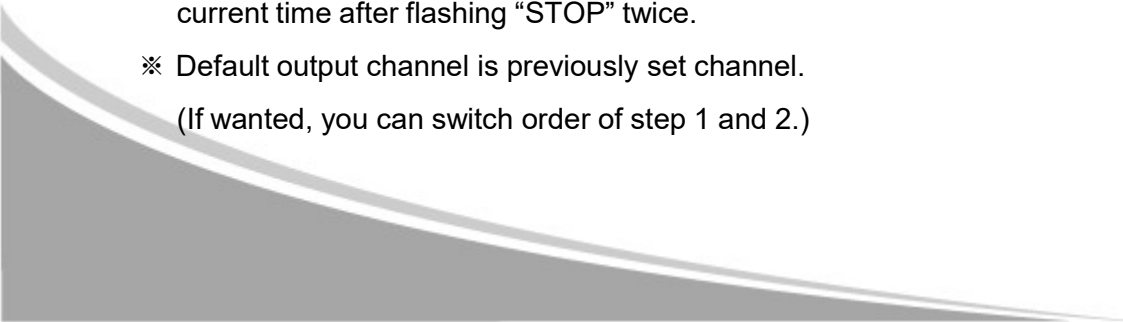
FRONT PANEL

6. MELODY PLAY

- Press MELODY/VOICE button, and make sure MELODY LED is on. Then, adjust melody number and output channel, by MELODY UP/DOWN and CHANNEL/WEEK buttons.

- Then, press and hold MEMORY/PLAY button for 2 seconds in order to play MELODY.

* HOW TO MELODY PLAY *

1) Press MELODY/VOICE button and make sure MELODY LED is on.
   - ※ Default output channel is previously set channel, melody number is 01.
   - ※ DO NOT PRESS DAY or TIME button to avoid MEMORY ADJUSTMENT MODE.

2) Choose melody number by MELODY/VOICE UP/DOWN buttons.
   - Press and hold MELODY/VOICE button for 1 second, and number on screen passes quickly.
   - Melody number ranges 1 to 99.

3) After melody number is set, choose output channel by CHANNEL/WEEK button. The number of selected memory will flash twice.

4) Choose output channel by CH1~CH4 buttons.
   (Press once, and channel turns on. Press again, and it turns off. TOGGLE type)

5) Press and hold MEMORY/PLAY button for 2 seconds in order to play selected MELODY. On screen, "PLAY" will flash to show melody is on. When melody play is finished, it automatically shows current time.(Stand-by mode)

※ In case you want to exit during MELODY PLAY, press and hold CLEAR/EXIT during MELODY PLAY, and it comes back to stand-by mode and shows current time after flashing "STOP" twice.

※ Default output channel is previously set channel.
   (If wanted, you can switch order of step 1 and 2.)

FRONT PANEL

7. VOICE PLAY (When SV-9600 is interlocked)

- Press MELODY/VOICE button twice, and make sure VOICE LED is on. Then, adjust voice number and output channel, by MELODY UP/DOWN and CHANNEL/WEEK buttons.
- Then, press and hold MEMORY/PLAY button for 2 seconds in order to play VOICE.

* HOW TO VOICE PLAY *

1) Press MELODY/VOICE button twice and make sure VOICE LED is on.
   ※Default output channel is previously set channel, voice number is 01.
   ※If you press DAY or TIME button before you press to avoid MEMORY
   ADJUSTMENT MODE.

2) Choose melody number by MELODY/VOICE UP/DOWN buttons.
   -Press and hold MELODY/VOICE button for 1 second, and number
   on screen passes quickly.
   -Melody number ranges 1 to 99.

3) After voice number is set, choose output channel by CHANNEL/WEEK
   button. The number of selected memory will flash twice.

4) Choose output channel by CH1~CH4 buttons.
   (Press once, and channel turns on. Press again, and it turns off. TOGGLE type)

5) After output channel is selected, press and hold MEMORY/PLAY button for 2
   seconds, and selected VOICE will play. On screen, "PLAY" will flash to show
   VOICE is on.
   When VOICE PLAY is finished, it automatically shows current time.(Stand-by
   mode)

   ※In case you want to exit during VOICE PLAY, press STOP button of SV-9600.
   ※During VOICE PLAY, CLEAR/EXIT button of this device is disabled.

FRONT PANEL

8. REC-PLAY

- Press REC button, and make sure REC LED is on. Then, adjust output channel by CHANNEL/WEEK buttons.
- Then, press and hold MEMORY/PLAY button for 2 seconds in order to play REC-PLAY.

   * HOW TO REC-PLAY *

1) Press REC button and make sure RED LED is on.
   ※Default output channel is previously set channel.
   ※<u>DO NOT PRESS</u> DAY or TIME button to avoid MEMORY MODE.
2) Choose output channel by CH1~CH4 buttons.
   (Press once, and channel turns on. Press again, and it turns off. TOGGLE type)
3) Press and hold MEMORY/PLAY button for 2 seconds in order to REC-PLAY.
   On screen, "PLAY" will flash to show REC-PLAY is on.
   When REC-PLAY is finished, it automatically shows current time.(Stand-by mode)

   ※In case you want to exit during REC-PLAY, press and hold CLEAR/EXIT during REC-PLAY, and it comes back to stand-by mode and shows current time after flashing "STOP" twice.

FRONT PANEL

9. RECORDING
-Press REC button, and make sure REC LED is on. Then, press and hold REC button for 2 seconds. Then, you can start recording.

* HOW TO RECORD *
1) Press REC button and make sure RED LED is on.
   ※Default output channel is previously set channel.

2) Press and hold REC button for 2 seconds, and then you can start RECORDING.
   "rE" will flash on screen, showing recording time. This means recording is on.

3) Press REC button again in order to stop RECORDING.
   "End" shows on screen.

4) In case you want to exit during RECORDING, press and hold CLEAR/EXIT during REC-PLAY for 2 seconds, and it comes back to stand-by mode and shows current time after flashing "STOP" twice.

10. EXIT (Stop Current Function and Back to Stand-By)
- Press and hold CLEAR/EXIT for 1 second in order to stop MELODY PLAY or REC-PLAY or AC ON.
  Current Function will stop and go back to STAND-BY after flashing "StoP" twice.

※ In order to stop VOICE PLAY while using SV-9600, press STOP button of SV-9600.
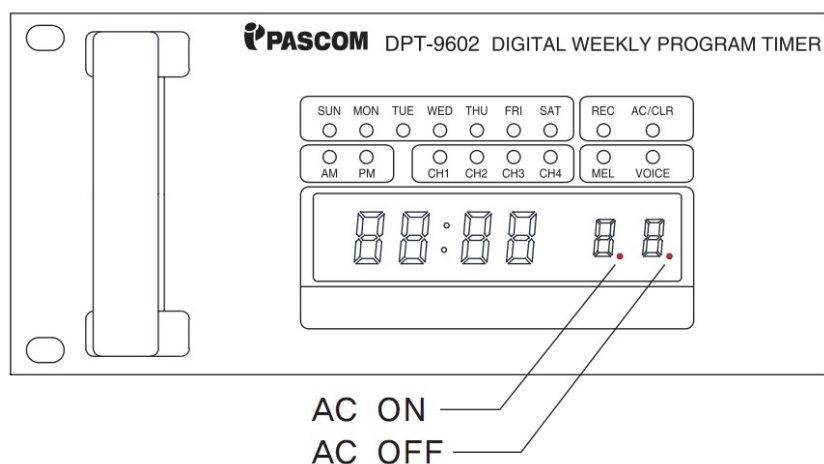
FRONT PANEL

11. AC POWER ON/OFF MEMORY

- Press MEMORY/PLAY button while AC OUTLET SWITCH is pressed in, in order to start AC POWER ON/OFF ADJUSTMENT.
- Set day and time of AC POWER ON by DAY UP/DOWN and TIME UP/DOWN buttons.
- Save and exit by MEMORY/PLAY button.

* AC POWER ON TIME SETUP*

1) Press in AC OUTLET SWITCH and make sure AC ON LED is on.
2) Press MEMORY/PLAY and "AC" shows on screen, which shows AC POWER ON TIME SETUP is stand-by.

　※DO NOT PRESS DAY or TIME button to avoid TIME SETUP MODE.

3) Adjust day and time by DAY UP/DOWN and TIME UP/DOWN buttons.
4) Save and exit by MEMORY/PLAY button. AC ON LED turns on and AC POWER ON SETUP is complete, after "Set" flashes on screen twice.
5) Set day and time of AC POWER OFF by DAY UP/DOWN and TIME UP/DOWN buttons.
6) Save by MEMORY/PLAY button. AC OFF LED turns on and "Set" flashes on screen twice.
7) Confirm and exit by CLEAR/EXIT button, and it returns to Stand-by.

　※To exit without save during AC POWER SETUP, press CLEAR/EXIT.

FRONT PANEL

12. DELETE ONE

- You can delete previously set MELODY, VIOCE, AC ON MEMORY.

* HOW TO DELETE ONE *

1) Press and hold CLEAR/EXIT for 2 seconds and make sure CLR LED flashes.

2) Select day and time by DAY UP/DOWN and TIME UP/DOWN button.

3) When previously set program shows on the day and time, delete by pressing "CLEAR/EXIT" once. "Clr" will show on screen.

   ※ If there is more than 1 to delete, repeat step 1)~3).

4) To go back to stand-by, press and hold CLEAR/EXIT button for 2 seconds. "Clr" will show on screen, and keep holding until it returns to stand-by.

13. DELETE ALL

- You can delete all saved program for the week.

* HOW TO DELETE ALL *

1)Press CHANNEL/WEEK button and all DAY LED will turn on, and current DAY LED will flash.

2) Press and hold CLEAR/EXIT, then all week program will be deleted. "Clr" will keep flashing until every program is deleted. Returns to stand-by after "End" flashes 3 times, which means DELETE ALL completed.

FRONT PANEL

14. WEEKLY PROGRAM DISPLAY

-You can check all saved program for the week.

* HOW TO DISPLAY WEEKLY PROGRAM *

1)Press CHANNEL/WEEK button, and all DAY LED will turn on, and current DAY
    LED will flash.

2)Press CHANNEL/WEEK button once more in order to display WEEKLY PROGRAM.

    -DAY LED will take turns turning on from SUN to SAT, while showing previously

    saved program for 1 second.

3)"End" will flash 3 times before returning to stand-by.

15. COPY WEEKLY PROGRAM

-You can copy a whole weekly program to another.

* HOW TO COPY WEEKLY PROGRAM *

1) 1)Press CHANNEL/WEEK button, and all DAY LED will turn on, and current DAY
    LED will flash.

2)Press MEMORY/PLAY to copy all DATA for the week.

    "COPY" will flash on screen, showing procedure from SUN to SAT.

3)Returns to stand-by after "End" flashes 3 times on screen.

FRONT PANEL

16. SAVED PROGRAM MODIFICATION

You can check and modify previously saved program(s).

* HOW TO MODIFY SAVED PROGRAM *

1)Select day and time by DAY UP/DOWN and TIME UP/DOWN button.

   Previously saved program DATA shows, if there is any.

2)In order to modify DATA, refer to **3. MELODY MEMORY, 4.VOICE MEMORY,**

   5. REC-PLAY of this manual.

   ※AC POWER ON/OFF can't be modified by this way. Only checking available.

   ※To exit without modification, press CLEAR/EXIT.

17. AC POWER OUTPUT SETUP

You can adjust AC POWER ON time before saved program DATA, in order to use other connected device(s) without delay.

For example, PA-96XX amplifiers have 0.6 second delay in general, so you might want to activate 1 second earlier than saved program DATA.

* HOW TO ADJUST AC POWER OUTPUT TIME *

1)On standy-by mode, press and hold both CH1 and CH2 for 2 seconds, and "DELAY" shows on display.

2)Adjust time by TIME UP/DOWN button.

   Press and hold TIME UP/DOWN button for 1 second, and number on screen passes quickly.

   Default is 2 second and djustable time ranges 1~60 second.

3)In order to save and exit, press and hold MEMORY/PLAY for 2 seconds, and "DELAY" flashes on screen twice before returning to stand-by.

   ※To exit without save, press CLEAR/EXIT during ADJUSTMENT.

FRONT PANEL

18. TIME CALIBRATION
You can adjust current time.

* HOW TO CALIBRATE CURRENT TIME *
1)Press and hold TIME UP/DOWN buttons for 2 seconds, and "C_+/C_-" will
   show on screen.
2)Every time you press TIME UP/DOWN, + and – take turns showing. (TOGGLE)
+ means faster time, - means slower time.
   Press and hold TIME UP/DOWN button for 1 second, and time on screen
   passes quickly.
   Time ranges -30 to +30, default is 0.
   Number 1 means 0.2 sec per day.
3)In order to save and exit, press and hold MEMORY/PLAY button for 2 seconds,
   then "C_+/C_-" will flash twice and returns to stand-by.

   ※To exit without calibration, press CLEAR/EXIT.

19. PROTECTION(LOCK)
You block button input and protect saved DATA.

* HOW TO ACTIVATE LOCK*
1)Press and hold both DAY/UP and TIME/UP for 2 seconds, and "Prot-on"
   flashes on display, activating LOCK.
2)In order to UNLOCK, press and hold both DAY/DOWN and TIME/DOWN for 2
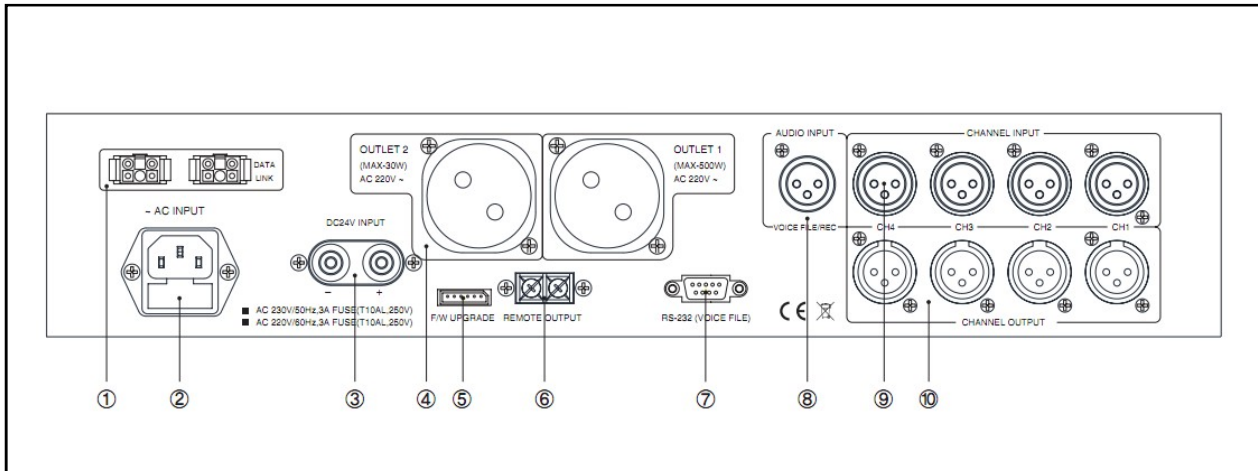   seconds, and "Prot-oF" will flash on screen, deactivating LOCK.

   ※With LOCK activated, all key input is blocked except UNLOCK procedure.
   When any other key is pressed, "Prot" shows on screen.
   Hot Key for UNLOCK: MEMORY/PLAY + TIME/DOWN or
                            CH1 + DAY/DOWN

BACK PANEL

1. DATA LINK TERMINL
   Interlocks with digital series products.

2. POWER INPUT: 220 V/50 Hz

3. DC 24 V TERMINAL

4. AC POWER OUTPUT / EXTERNAL POWER OUTPUT
   DPT-9602 can supply AC power to externally connected device.

5. F / W UPGRADE TERMINAL
   Used for firmware upgrade

6. EXTERNAL(REMOTE) DEVICE TERMINAL

7. RS-232(VOICE FILE) TERMINAL

8. AUDIO INPUT TERMINAL
   Used to interlock with voice file products(SV-9600) or source input for recording.

9. CHANNEL(AUDIO) INPUT TERMINAL
   Connects with audio input source.

10. CHANNEL(AUDIO) OUTPUT TERMINAL
   Connects with audio output device.

Frequently Asked Questions

Symptom	Cause	Solution
LED is off	AC power cord is off the plug. DC power cable is off.	Make sure with AC/DC power source. Make sure with polarity.
Output doesn't work as programmed DATA.	Wrong current time Wrong DATA time	Calibrate current time. Check program DATA time and channel.
Product output works, but no speaker output.	DATA cable is off Sound output cable is off.	Plug DATA cable. Plug sound output cable.

Service & Warranty

1. Service

Before contacting for service, make sure the problem is not operation mistake, misconnection of cables, or of another device connected to this device. When it is clear that the problem is of this device, please contact warranty provider. A schematic or part list is also available by warranty provider.

2. Warranty

Warranty terms and conditions may depend on each local distributor and vary by country. Also may not be the same for all products. To obtain specific warranty information, contact PASCOM directly in Korea.

SPECIFICATION

■ ELECTRIC

1. COMMUNICATION/TRANSMITTING SPEED--------------------------- RS-485, 2400 bps

2. CONTROL RANGE-- DMC-9600

3. EXTERNAL INPUT------------------------------- AUDIO INPUT 4 CH, VOICE FILE 1 CH

4. DISPLAY-- FND, LED

5. INTERNAL SOURCE AND PLAYTIME
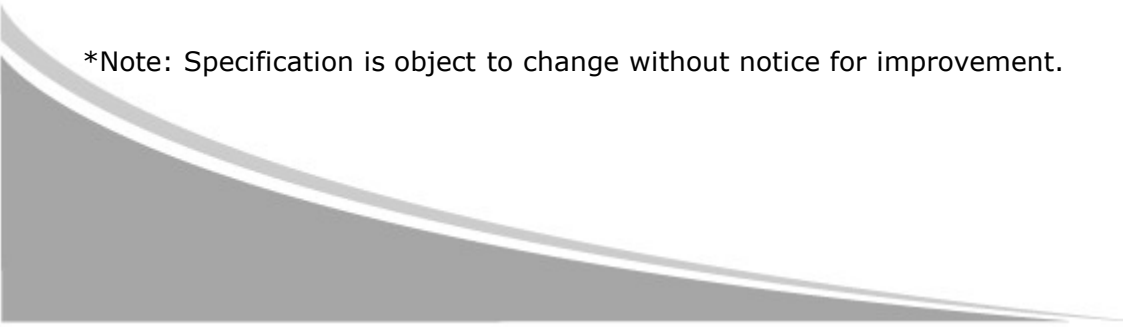
1	2 SEC MELODY	2	3 SEC MELODY
3	5 SEC MELODY	4	7 SEC MELODY
5	7 SEC MELODY(2)	6	10 SEC MELODY
7	15 SEC MELODY	8	15 SEC MELODY(2)
9	20 SEC MELODY		
10	21 SEC ATTENTION CALL		
11	35 SEC WAKE UP CALL		
12	57 SEC SLEEPING CALL		
13	298 SEC EXCERSIZE CALL		

■ POWER SUPPLY ------------------------------------- AC 220 V/50 Hz, DC 24 V/500mA

■ OUTER DIMENSION ------------------------------------- 482(W) X 88(H) X 340(D) mm

■ WEIGHT --- 4 KG

*Note: Specification is object to change without notice for improvement.