

# Operation Manual

## Program Timer **PW-6242B**



\* Rack mount products in the Western Hemisphere(North America, South America, and the Caribbean) do not have handles installed due to customer preference.

**interM**

## Welcome

### A personal welcome to you from the management and employees of Inter-M

All of the co-workers here at Inter-M are dedicated to providing excellent products with inherently good value, and we are delighted you have purchased one of our products.

We sincerely trust this product will provide years of satisfactory service, but if anything is not to your complete satisfaction, we will endeavor to make things right.

Welcome to Inter-M, and thank you for becoming part of our worldwide extended family!



### WARNING

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



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 alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution: 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 prévenir les chocs électriques ne pas utiliser cette fiche polarisée avec un prolongateur, une prise de courant on une autre sortie de courant, sauf si les lames peuvent être insérées à fond sans en laisser aucune partie à découvert.  
Pour deconnecter complètement l'appareil du reseau d'alimentation. deconnecter le cordon d'alimentation de la prise murale.  
La prise du reseau d'alimentation doit demeurer aisement accessible.

\*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 through openings.

\*Do not install this equipment in a confined space such as a book case or similar unit.

\*Warning : To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

\*This apparatus shall be connected to a mains socket outlet with a protective earthing connection.

\*To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle.

\*The mains plug of the power supply cord shall remain readily accessible.

### CAUTION

\*These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

### NOTE

\*This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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## Unpacking

Although your PW-6242B is neither complicated nor difficult to operate, 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 retain the original packaging. In the unlikely event the product must be returned for servicing, the original packaging (or reasonable equivalent) is required.

## Installation

### Environment

Never place this product in an 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.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



## Features

### - Considering user convenience

For the convenience of timer program input and use, we made it for user to operate easily by separating digit button & multi-function button.

### - Adopting Large Vacuum Fluorescent Display

By adopting large Vacuum Fluorescent Display, you can verify the operation status to each function as well as various text displays at a look.

### - Programing using PC

You can easily schedule via management program by connecting PC with RS-232C port.

### - Various melodies and voices output

You can play various melodies and voices by interlocking SD Card mounted to this device and PV-6232A, our model.

### - HOSTING Using USB Terminal

You can download MP3 file from computer to SD Card mounted to the device by connecting USB cable or mount USB memory to save the file into internal memory through COPY function.

You can save 9999 melodies additionally other than 15 melodies provided initially and for storage capacity, please leave 10% of SD Card capacity (up to 32GB supported).

### - BACK-UP Power

Under the setting of current time, even though AC power turns off, power can be maintained for about a week of time with internal Back-Up power. Within the time which Back-Up power is maintained, even though AC power is re-authorized, there is no need to re-adjust the time.

### - Blackout Measurement

Separate Memory is used to prevent the data loss from blackout or other instable power.

### - Automatic Return

When entering schedule data not using PC but using the front button, if any button is pushed for 1 minute, it is regarded as input cancellation and it returns to normal operation status.

### - AC Power Output Control

After connecting other equipment with AC OUTLET terminal, by turning ON/OFF AC OUTLET button in front, it enables to control ON/OFF of AC Power connected to other equipment.

### - AC Power Output Time Control

In order to prevent TIMING DELAY when interlocking with external POWER AMP, you can adjust AC Power Output Time of this device from 1 second up to 20 seconds.

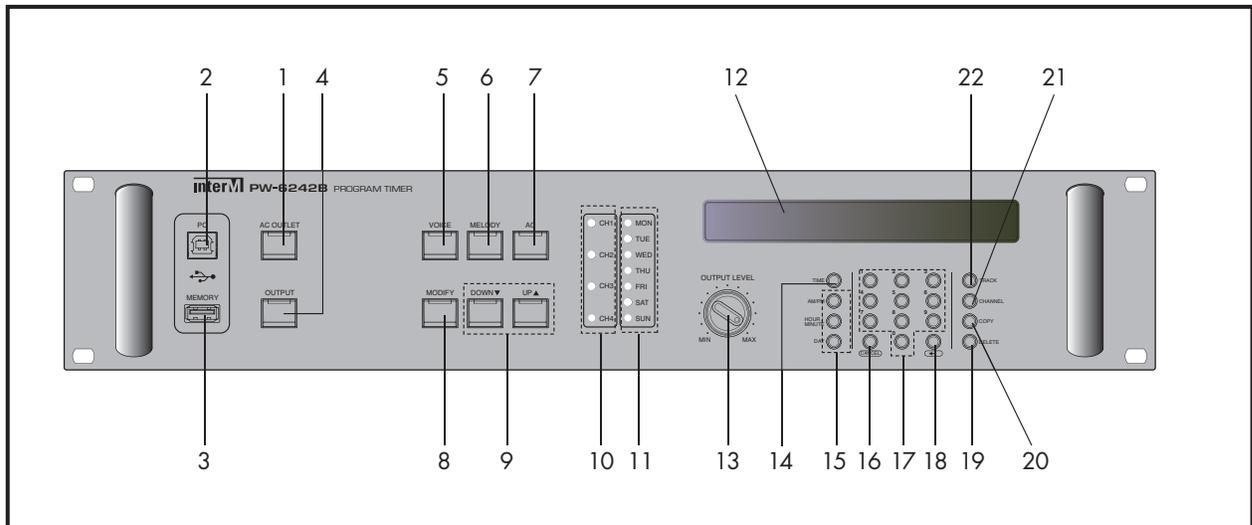
### - KEY LOCK

Schedule and user setting can be protected.

## Package and accessory includes

1. AC power cord x 1
2. RS-232 cable x 1
3. B-type USB cable x 1
4. Screw for rack mounting x 4
5. User manual x 1

## Front Panel



### 1. AC OUTLET (POWER OUTPUT) BUTTON

It is a button to turn ON/OFF AC power output of AC OUTLET 1, 2 terminals in back side and REMOTE OUTLET contact terminal output. If pushing this button more than 2 seconds in default status, you can adjust AC power output time.

### 2. PC CONNECTING TERMINAL (USB B TYPE)

It is a terminal to upload or download MP3 file saved to PC from/into SD Card in back side of equipment via USB terminal connected to external PC. Under the status connecting with PC via USB cable, functional buttons do not operate and if you want to play the file saved to mounted memory, remove the cable connected with PC.

### 3. USB MEMORY CONNECTING TERMINAL (USB A TYPE)

It is a terminal used when connecting USB memory with the device. You can copy the sound source saved to USB memory into SD Card in back side of equipment.

- File system: FAT 32 (NTFS unsupported)

### 4. OUTPUT (MELODY OUTPUT) BUTTON

It is a button to control MELODY output. MELODY output turns ON/OFF depending on ON/OFF of output button.

### 5. VOICE BUTTON

It is a button used when changing VOICE scheduling and scheduled content.

- If pushing the button at default status, it moves into VOICE scheduled content verification mode.
- If pushing the button more than 2 seconds at default status, it moves into VOICE scheduling mode.

### 6. MELODY BUTTON

It is a button used when changing MELODY play, scheduling and scheduled content.

- If pushing the button at default status, it moves into MELODY scheduled content verification mode.
- If pushing the button more than 2 seconds at default status, it moves into MELODY scheduling mode.

#### **7. AC BUTTON**

It is a button used when changing the scheduling and scheduled content of AC OUTLET output.

- If pushing the button at default status, it moves into the scheduled content verification mode of AC OUTLET output.
- If pushing the button more than 2 seconds at default status, it moves into the scheduling mode of AC OUTLET output.

#### **8. MODIFY BUTTON**

It is a button used when changing the scheduled content. If pushing the button during verifying the schedule of VOICE/MELODY/AC OUTLET output, it moves into the saved scheduling modification mode.

#### **9. DOWN, UP BUTTON**

It is a button used when selecting the scheduled content verification and various modes.

- If pushing the button during verifying the scheduled content, it moves into previous/next scheduled content.
- If pushing the button more than 2 seconds during verifying the scheduled content, it moves into the scheduled content of previous/next day.
- It is used when selecting the item of copying/deleting sound source or scheduled content or setting the day.
- If pushing the button more than 2 seconds at default status, it moves into communication speed setting mode.
- If pushing the button during setting communication speed, communication speed value is changed.

#### **10. OUTPUT CHANNEL DISPLAY LED**

It is a LED to display the channel which is output during the playing of VOICE or MELODY sound source.

If selecting the output channel during scheduling, the selected channel displays and if the scheduling is completed, LED turns off.

#### **11. DAY DISPLAY LED**

It is a LED to display the day of current time or scheduled time. At default status, current day displays and during the scheduling, the day of scheduled time displays.

#### **12. DISPLAY WINDOW (VFD: VACUUM FLUORESCENT DISPLAY)**

It is a window to display manipulation and operation status when manipulating each functional button.

Current equipment status, current time, scheduled content, and progress status such as play/delete/copy are displayed.

#### **13. OUTPUT LEVEL VOLUME CONTROLLER**

It is a volume controller to control output volume of internal melody.

#### **14. TIME BUTTON**

It is a button used when setting the current time.

- If pushing the button at default status, it moves into time setting mode.
- If pushing the button more than 2 seconds at default status, it moves into time error calibration mode.
- In case of time error calibration, you can select the sign of input value by pushing the button.

**15. AM/PM, HOUR/MIN, DAY BUTTON**

It is a button used when setting the current time and scheduled time.

- AM/PM button sets up morning/afternoon, HOUR/MIN button sets up hour, minute, and second, and DAY button sets up day.
- If pushing the button during setting AM/PM, AM changes into PM and PM changes into AM.
- If pushing the button during setting HOUR/MIN, it is changed from HOUR input to MIN input and from MIN input to HOUR input.
- If pushing the button more than 2 seconds during setting MIN, it moves into second setting.
- If pushing the button during setting day, it changes into the next day.

**16. CANCEL BUTTON**

It is a button used when canceling during setting.

- If pushing the button during setting, the setting is not saved and it moves into the default status.
- If pushing the button during verifying the schedule, it moves into the default status.
- If pushing the button during playing MELODY, the sound source stops and it moves into the default status.

**17. DIGIT BUTTON**

It is a button used when selecting time setting, track input and channel. You can enter the digit from 0 to 9.

**18. ENTER BUTTON ( ← )**

It is a button used when saving the set content or performing the function.

- When completing the setting and pushing the button, the set content is saved and it moves into the default status.
- If pushing the button during entering the set item, it sets the selected item and moves into the next procedure.
- If pushing the button during setting MELODY play, the sound source plays.

**19. DELETE BUTTON**

It is a button used when deleting the scheduled content and file.

- If pushing the button at default status, it moves into sound source/scheduling deletion function.
- If pushing the button more than 2 seconds at default status, it moves into schedule deletion & day selection modes.

**20. COPY BUTTON**

It is a button used when deleting the scheduled content and file. If pushing the button at default status, it moves into sound source/scheduling copy function.

**21. CH BUTTON**

It is a button used when selecting the output channel in case of MELODY & VOICE scheduling and MELODY PLAY operation. If pushing the button during scheduling, it moves into the item to select the output channel.

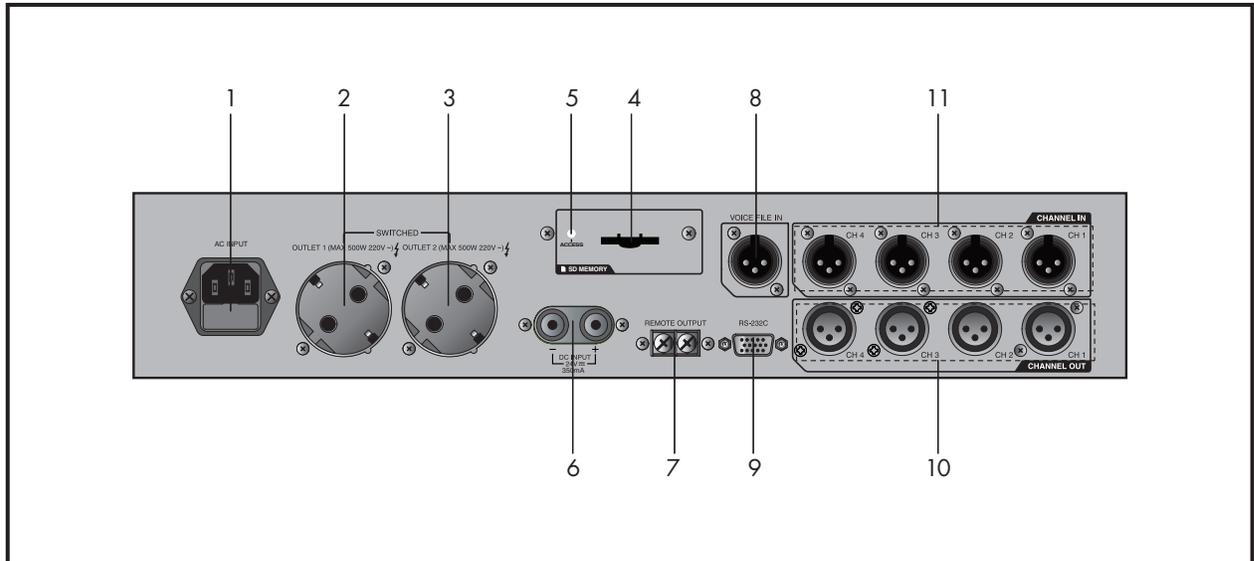
**22. TRACK BUTTON**

It is a button used when selecting the track in case of MELODY & VOICE setting.

- If pushing the button at default status, the number of total sound sources saved to the current SD Card displays.
- If pushing the button more than 2 seconds at default status, it moves into sound source to be played setting mode.

- If pushing the button during MELODY & VOICE scheduling, it moves into the item to select the sound source.
- If pushing the button during MELODY Play operation setting, it moves into the item to select the sound source.

## Rear Panel



### 1. AC POWER INPUT TERMINAL

It is a terminal to connect the power cord.

- It inputs AC power by connecting the power cord.
- When opening the fuse cap, AC power fuse is contained and in case of exchange, make sure to check the rated and to exchange with the one of same capacity. (Fuse, 20mm, 250V T5AL)

### 2. AC POWER OUTPUT1 (AC OUTLET1)

It is an AC power output terminal. It can be used up to 500W.

### 3. AC POWER OUTPUT2 (AC OUTLET2)

It is an AC power output terminal. It can be used up to 500W.

### 4. SD CARD SLOT

It is a slot to mount SD CARD. Basically 8GB of SD CARD is provided.

- SD Card supported capacity: Up to 32GB
- File system: FAT 32 (NTFS unsupported)
- ※ TLC type of SD CARD is recommended and other type of SD CARD may not be compatible.

### 5. SD CARD OPERATION STATUS DISPLAY LED

It is a LED to display the mounting and operation status of SD CARD. When SD Card is on READ/WRITE status, Green LED lights.

### 6. DC POWER INPUT TERMINAL

It is a terminal to input DC 24V power. (DC 24V, 350mA)

**7. REMOTE CONTROL TERMINAL (REMOTE OUTPUT)**

- When AC OUTLET is ON, the contact is printed out and when OUTLET is OFF, the contact is not printed out.
- It can be used by connecting to contact terminal of external device.
- You can make a remote control of power ON/OFF by connecting to PD-6359, ECS-6216P.

**8. VOICE FILE INPUT TERMINAL (AUDIO IN FROM VOICE FILE)**

It is a terminal to connect the audio output terminal of PV-6232A.

**9. SERIAL TERMINAL (RS-232C)**

It is a terminal to connect with PV-6232A. Also, you can add the scheduling through the management program by connecting with PC.

**10. CHANNEL OUTPUT TERMINAL (CHANNEL OUT)**

It is a terminal to print out melody & voice.

**11. CHANNEL INPUT TERMINAL (CHANNEL IN)**

It is a terminal to take the input of audio signal from the outside. In normal condition, the input signal is printed out by bypassing to channel output terminal.

# How to Operate

## 1. TIME SETTING

It is a function to set the current time.

1) If pushing TIME button at standby mode, AM or PM flashes on display window.



2) Whenever pushing once by selecting morning/afternoon using AM/PM button, AM & PM change.



3) If pushing HOUR/MIN button, TIME flashes on display window and input time using digit button.



4) If pushing HOUR/MIN button once again, MIN flashes on display window and input MIN using digit button. Whenever pushing the button once, TIME and MIN setting status converts and if pushing HOUR/MIN button under MIN status, you can set up SEC.



5) If pushing DAY button, DAY flashes on display window and select the day to input by continuing to push DAY button.



6) When pushing ENTER button, the setting is completed. When intending to cancel the setting, if pushing CANCEL button, the setting is not save and it moves into the standby mode.



7) When TIME setting is completed, LED of due day lights on the day indicator.



- ※ Caution: In case of not connecting the power for a long time, time may be reset.
- ※ Caution: When normal charging is completed, TIME will be preserved for about 12 days.

8) When connecting the power after being left for a long time, if AM 00:00 MON flashes on display window, please reset TIME.

## 2. VOICE SCHEDULE

It is a setting function to play the sound source file saved to PV-6232A(MULTI-VOICE FILE) which is our model at desired time.

1) If pushing VOICE button longer, the setting starts as LED of the button flashes.

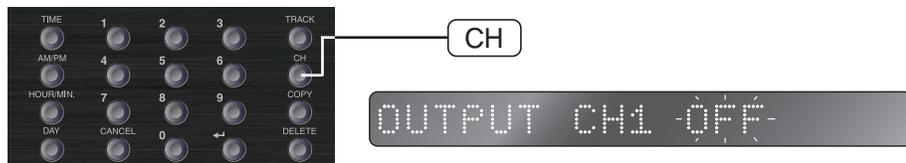


2) Scheduled Time Setting: 1. Set in same way with time setting instruction.

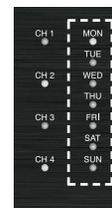
3) Scheduled Track Setting: After setting the scheduled time, if pushing TRACK button, track number flashes on display window. Then, input the track number using digit button. (You can choose up to 9999. Provided that if sound source files are not registered by 9999, it may not operate normally. Therefore, set the proper number according to the number of registered sound source file.



4) Channel Setting: If pushing CH button, display window moves into output channel setting mode.



- Select the desired channel (CH 1~4) using digit button.  
At this point, if pushing the digit button which is same with the selected channel number or pushing CH button, ON/OFF converts.  
When it is set as ON,  
LED of due channel lights on the channel indicator.



- If pushing CH button longer at channel setting mode, CH ALL ON displays on display window and All of CH 1~4 change into ON status.

- If pushing CH button longer when all channels are set as ON, CH ALL OFF displays on display window and All of CH 1~4 change into OFF status.
- 5) When pushing ENTER button after setting the channel, the setting is completed.
- 6) When the set time comes, the play starts with scheduled content.



※ When saving by setting VOICE schedule as the same time with already scheduled MELODY, previously saved MELODY scheduled content is deleted.

### 3. MELODY SCHEDULE

It is a setting function to play the sound source file saved to this device at desired time.

- 1) If pushing MELODY button longer, the setting starts as LED of the button flashes.



- 2) Set in the same way with 2. VOICE Schedule Instruction.
- 3) When the set time comes, the play starts with scheduled content.

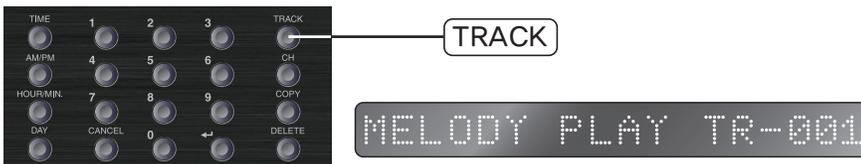


※ When saving by setting MELODY schedule as the same time with already scheduled VOICE, previously saved VOICE scheduled content is deleted.

### 4. MELODY PLAY

It is a function to play by selecting the desired track and the channel to be printed of sound sources saved to this device.

- 1) When pushing TRACK button longer, the setting starts.
  - ※ When pushing TRACK button shortly, you can verify the number of total melodies saved to internal memory.



- 2) Input the track to play with digit button and if pushing ENTER button or CH button, it moves into channel setting mode.
- 3) Set the channel in the same way with 2. VOICE Schedule Instruction.
- 4) When pushing ENTER button after setting, the selected track plays.



When the play is over, it stops automatically.

- 5) Input the track setting by choosing from 1 to 9999 and if the selected track is none when playing, TRACK ERROR statement displays on display window.
- ※ During MELODY/VOICE scheduled play, you cannot use this function.

## 5. AC SCHEDULE

It is a function to turn ON or OFF AC power output (AC OUTLET) and REMOTE OUTPUT contact output at desired time.

AC power output and REMOTE OUTPUT contact will operate simultaneously.

- 1) If pushing AC button longer, LED of the button lights on and the contact is printed at remote control terminal of back side.



- 2) Scheduled time setting is same with VOICE/MELODY scheduling function.
  - 3) ON/OFF of AC OUTLET can be set by pushing Ch button. Whenever pushing CH button, ON/OFF converts.
  - 4) When pushing ENTER button, the setting is completed.
- ※ When playing MELODY/VOICE, AC OUTLET and REMOTE OUTPUT are printed and when the play ends, the output of AC OUTLET and REMOTE OUTPUT is turn back to the prior state.
  - ※ If making AC schedule (AC OUTLET ON) in the same time with MELODY/VOICE scheduled time, even though the play ends, AC OUTLET and REMOTE OUTPUT continues to maintain the output status.

## 6. SCHEDULED CONTENT VERIFICATION

If there are scheduled content of VOICE, MELODY, AC, you can verify with the following method and if no scheduled content, NO MEMORY will be displayed on display window.

- 1) VOICE Scheduled Content Verification

- If pushing VOICE button, LED of the button lights on and it displays from the scheduled content saved on Monday.
- At this point, in order to verify other scheduled content, you can search by the order of scheduled time using DOWN/UP button and if verifying the content of other day, you can push DOWN/UP button longer. If there is any scheduled content on other day, you can search by moving into that day.

- 2) In case of MELODY & AC, you can verify in the same way with VOICE.

Provided that when verifying MELODY scheduled content, push MELODY button to start the verification and when verifying AC scheduled content, push AC button to start the verification. For example, in the following screen, you can verify that VOICE track no. 2 will provide CH 2 and CH 4 output on Monday PM 2:08.



- 3) If pushing CANCEL button, it returns to the standby mode.

## 7. MODIFY

It is a function used when changing VOICE, MELODY, AC scheduled content.

- 1) In scheduled content verification mode, select the content to change using DOWN/UP button.
- 2) If pushing MODIFY button, it returns to the modify mode. At this point, button LED of due modes (VOICE, MELODY, AC) flashes and MODIFY button LED lights on.



## 8. COPY (SCHEDULE/MEMORY)

### 1) SCHEDULE COPY

It is a function used when copying schedule content to other day.

- If pushing COPY button at the standby mode, SCHEDULE / MEMORY displays on display window and the selected mode flashes.



- If pushing ENTER button after selecting SCHEDULE with UP/DOWN button, the setting starts.



- At displayed screen, previous day is the day of original and next day is the day to be copied.
- When previous original day flashes, select the desired day using DOWN/UP button or DAY button.
- If pushing COPY button again, next day to be copied flashes and at this point, select the desired day using DOWN/UP button or DAY button.
- If pushing ENTER button after setting, COPY performs.

### 2) MEMORY COPY

It is a function to copy the file in USB memory to internal memory. COPY from internal memory to USB memory is not acceptable.

- Mount the USB Memory into USB memory connecting terminal (USB A Type).
- If pushing COPY button at the standby mode, SCHEDULE / MEMORY displays on display window and the selected mode flashes.
- If pushing ENTER button after selecting MEMORY with UP/DOWN button, it converts into the mode to set COPY range.



- \* TRACK: COPY by selecting the track range.
- \* ALL: COPY the whole memory files.

<Partial COPY>

- If pushing ENTER button after selecting TRACK, the number of total melodies saved to USB memory is displayed on display window and you can designate the area to copy.
- Input Start track no. by using digit button.



- After pushing ENTER or UP button, input End track no.

005-005 COPY

- When modifying Start track no. again, use DOWN button to move.
- If pushing ENTER button, COPY performs.
- If pushing CANCEL button during copying, the mode is unlocked and by the completed file, it is saved to internal memory.

#### <All COPY>

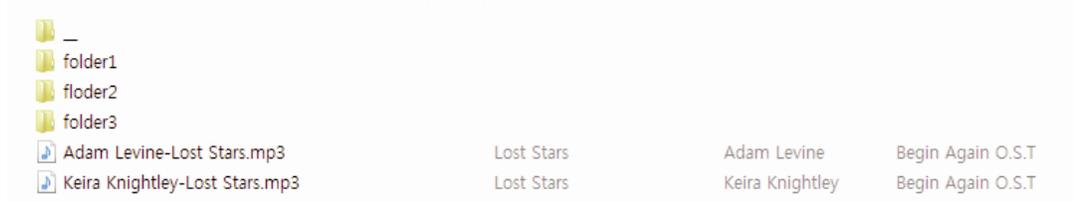
- If pushing ENTER button after selecting ALL, the number of total melodies saved to USB memory is displayed on display window and the ready to copy all is completed.

ALL COPY?

- If pushing ENTER button, COPY performs.
- If pushing CANCEL button during copying, the mode is unlocked and by the completed file, it is saved to internal memory.

#### ※ Caution:

- 1) If memory space is short during COPY operation, MEMORY FULL is displayed on display window. In this case, delete unnecessary file using DELETE function and then use.
- 2) The content to be copied is saved as MP3 format file. When copying WMA format file, it will be saved as MP3 file but as file capacity increases more than two times, make sure to check the remained space of memory.
- 3) When copying the saved sound source file to the inside of USB memory, save the sound source file to the top position of USB memory as following. Otherwise, copy will not be performed:



## 9. DELETE (SCHEDULE/MEMORY)

### 1) SCHEDULE Deletion

It is a function to delete scheduled information.

<Individual Deletion>

- After selecting the content to delete from scheduled content verification, push DELETE button.



- If pushing ENTER button, the selected content is deleted.

## &lt;Delete Day/All&gt;

- If pushing DELTE button at the standby mode, SCHEDULE / MEMORY displays on display window and the selected mode flashes.

SCHEDULE / MEMORY

- If pushing ENTER button after selecting SCHEDULE with UP/DOWN button, the day to delete flashes.

DELETE?TUE

- Push UP/DOWN button or DAY button to select day or all deletion.
- If pushing ENTER button after selecting the day to delete, all contents of selected day are deleted and if pushing ENTER button after selecting ALL, all contents are deleted.

## 2) MEMORY Deletion

It is a function to delete the file saved to internal memory.

Provided that the files from TR-001 to TR-015 are fixed sound source files and cannot be deleted.

- If pushing DELTE button at the standby mode, SCHEDULE / MEMORY displays on display window and the selected mode flashes.

SCHEDULE / MEMORY

- If pushing ENTER button after selecting MEMORY with UP/DOWN button, it moves into the mode to set DELETE range.

TRACK-DELETE?

- \* TRACK: Delete by selecting the track range.
- \* ALL: Delete the whole memory files.
- If pushing ENTER button after selecting TRACK, the number of total melodies saved to internal memory is displayed on display window and you can designate the area to delete.
- Input Start track no. by using digit button.  
(As the files from TR-001 to TR-015 are sound source files which cannot be deleted, you cannot designate them.)

016-016 DELETE

- After pushing ENTER or UP button, input End track no.

020-020 DELETE

- When modifying Start track no. again, use DOWN button to move.
- If pushing ENTER button, DELETE performs.
- If pushing ENTER button after selecting ALL from the above delete range selection mode, all contents are deleted.

## 10. AC OUTPUT TIME CONTROL

It is a function used to export the output of AC OUTLET and REMOTE OUTPUT in advance as much as the set time before the scheduled broadcasts. If using this function, you can operate the device connected for broadcasting in advance to use without delay in case of the output of the scheduled broadcasting.

1) In standby mode, if pushing AC OUTLET button longer, you can adjust AC output time.



2) Input AC power output time using digit button.

3) When pushing ENTER button, it sets.

4) The setting can be made within the range of 1~20 seconds and the default setting is 10 seconds.

## 11. TIME ERROR CALIBRATION

1) When pushing TIME button longer, the setting starts.



2) Input the setting value with digit button. You can set within the range of -12~+12 and be cautious that calibration time may change depending on the change of surrounding temperature.

3) If pushing TIME button, you can change +/- before the number. (+) calibrates TIME faster and (-) calibrates TIME slower. About 1.5 seconds will be calibrated on monthly average for each stage. For example, if setting as +12, about 18 seconds ( $1.5 \text{ sec} \times 12 = 18$ ) a month will be calibrated faster.

4) When pushing ENTER button, SAVE ends.

## 12. KEY LOCK

1) It is a function to protect the user's setting and if pushing ENTER button longer, KEY LOCK is displayed on display window and all function buttons will not be operated.



2) If pushing ENTER button longer again, KEY UNLOCK is displayed on display window and all function buttons operate normally.



## 13. SETTING USING APPLICATION PROGRAM

APPLICATION PROGRAM is a program to manage the setting and current schedule status of equipment in case of installation and maintenance more efficiently. It enables the database setting by day and you can save much time in setting the equipment with database auto creation function. In addition, it provides the interface among equipment using GUI type clean display and RS-232 port.

(Download APPLICATION PROGRAM and manual at Inter-M website and use.)

#### 14. OTHERS

- 1) AC power output can be ON/OFF with AC OUTLET button. When intending to provide AC power output, light on LED by pushing AC OUTLET button.



- 2) Under the status LED of OUTPUT button is OFF, even though MELODY plays, it doesn't provide the output. When intending to provide AC channel output, light on LED by pushing OUTPUT button.

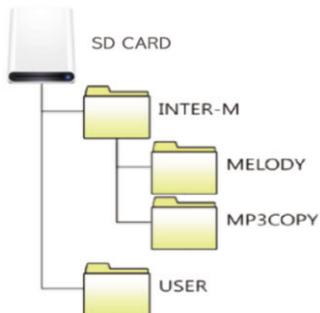


※ VOICE scheduled broadcasting output is always provided regardless of the status of OUTPUT button.

#### 15. MP3 FILE DOWNLOAD AND DELETE FUNCTION USING PC CONNECTING TERMINAL

It is a function to download or delete the file inside SD CARD from PC by connecting PC with PC connecting terminal.

- 1) Sizes of all storage media memory are supported up to 32GB.
- 2) For the file system of storage device, only FAT 32 is supported. Format PC with FAT 32, then use.
- 3) Sub-folder structure is supported and refer to the below picture for default folder structure of file system.



- 4) When connecting PC with PC connecting terminal at front side of this device using USB cable, portable disk is automatically recognized at PC. Then PC CONNECTED is displayed to display window of this device and portable disk driver appears to PC.
- 5) When double clicking the portable disk at PC, you can verify the content of internal memory. There are INTER-M folder and USER folder and another two folders are within INTER-M folder.
- 6) The files copied from USB memory are saved within MP3 COPY folder and they can be uploaded/downloaded from/into PC or deleted directly.

※ Caution

- 1) As 15 files within INTER-M folder are fixed sound source files responding to TRACK 1~TRACK 15, be cautious not to delete. When they are deleted, output is not provided.
- 2) When downloading the file from PC to internal memory, if the play order is important, configure the separate folder at PC in advance to save the necessary file. Give the number (0016~9999) before the name of each saved file in the order and download the whole folder to internal memory. Otherwise, it cannot be played in order of file name.

- 3) Set up the file structure inside SD Card as above. If you modify or delete folder name arbitrarily, it will not be operated normally.
- 4) Under the status that it is connected with PC via USB cable, the function and system will not be operated. When using this function, remove the cable connected to PC and then proceed the function.
- 5) It is faster in file uploading/downloading speed by mounting SD Card directly onto PC rather than uploading/downloading the file by connecting with PC after mounting SD Card onto the equipment. When uploading/downloading the large capacity of file, mount SD Card directly onto PC and then proceed.
- 6) Boot the product completely and then, connect with PC.
- 7) When connecting with PC via USB cable during playing the scheduled broadcasting and the sound source, the equipment may show the malfunction. Do not connect with PC via USB cable during playing the scheduled broadcasting and the sound source.
- 8) TLC type of SD CARD is recommended and other type of SD CARD may not be compatible.

## 16. MP3 FILE COPY USING USB TERMINAL

It is a function to copy MP3 file using USB memory connecting terminal.

- 1) When connecting USB memory with USB memory connecting terminal at front side, it is automatically recognized. At this point, USB INSERT is displayed on display window.
  - 2) The files copied from USB memory are saved within MP3 COPY folder and they can be uploaded/downloaded from/into PC or deleted directly.
- ※ When connecting USB memory with the equipment during playing the scheduled broadcasting and the sound source, the equipment may show the malfunction. Do not connect USB memory with the equipment during playing the scheduled broadcasting and the sound source.

## 17. COMMUNICATION SPEED SETTING

When connecting PV-6232A or PC, you must set up communication speed for each product. If it is not matched, you cannot control PV-6232A.

- 1) When pushing UP button longer, the setting starts.

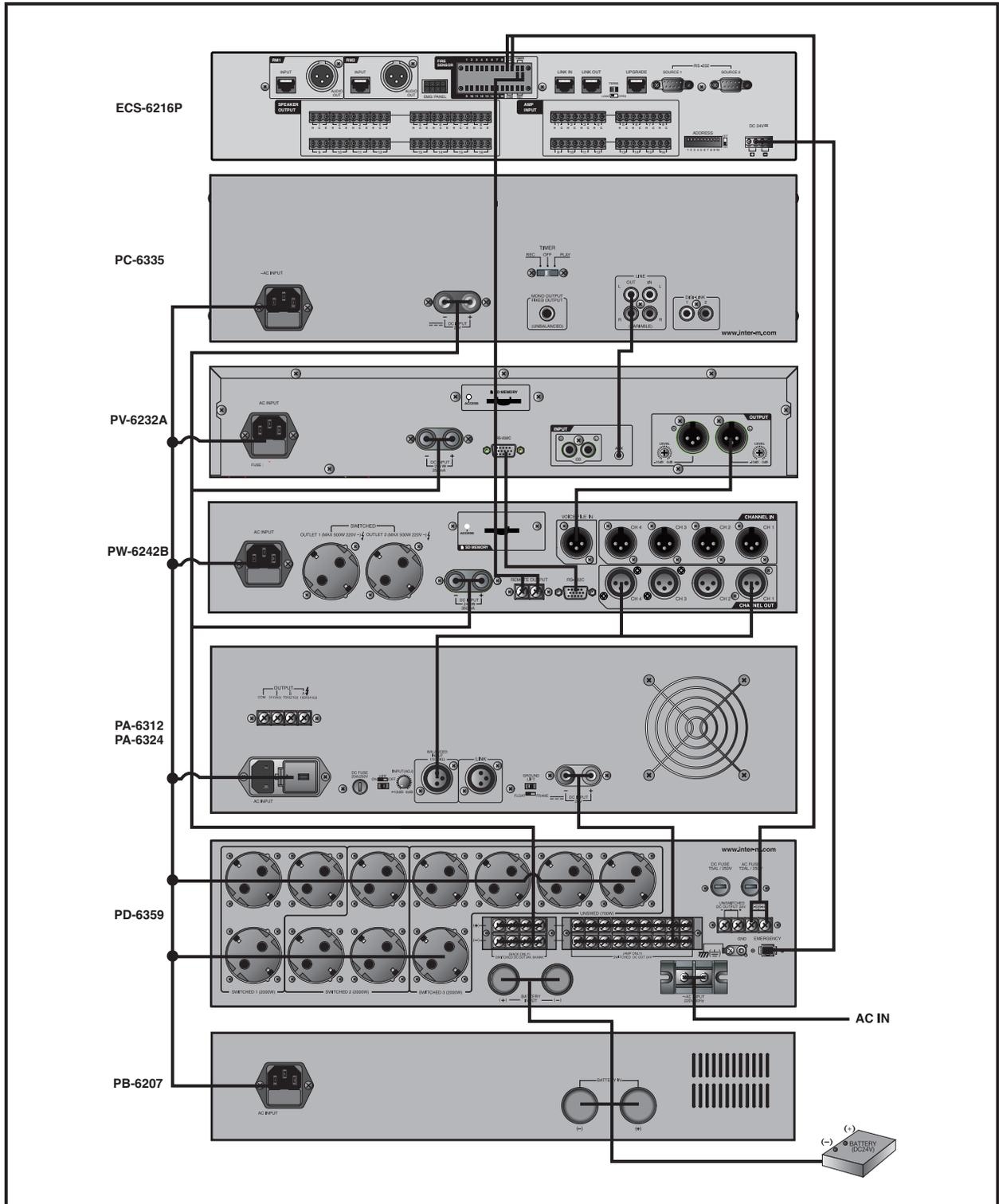


- 2) Whenever pushing UP button, the communication speed value varies. If pushing ENTER button after changing into the desired communication speed, the setting value is saved. If pushing CANCEL button during the setting, it is cancelled.

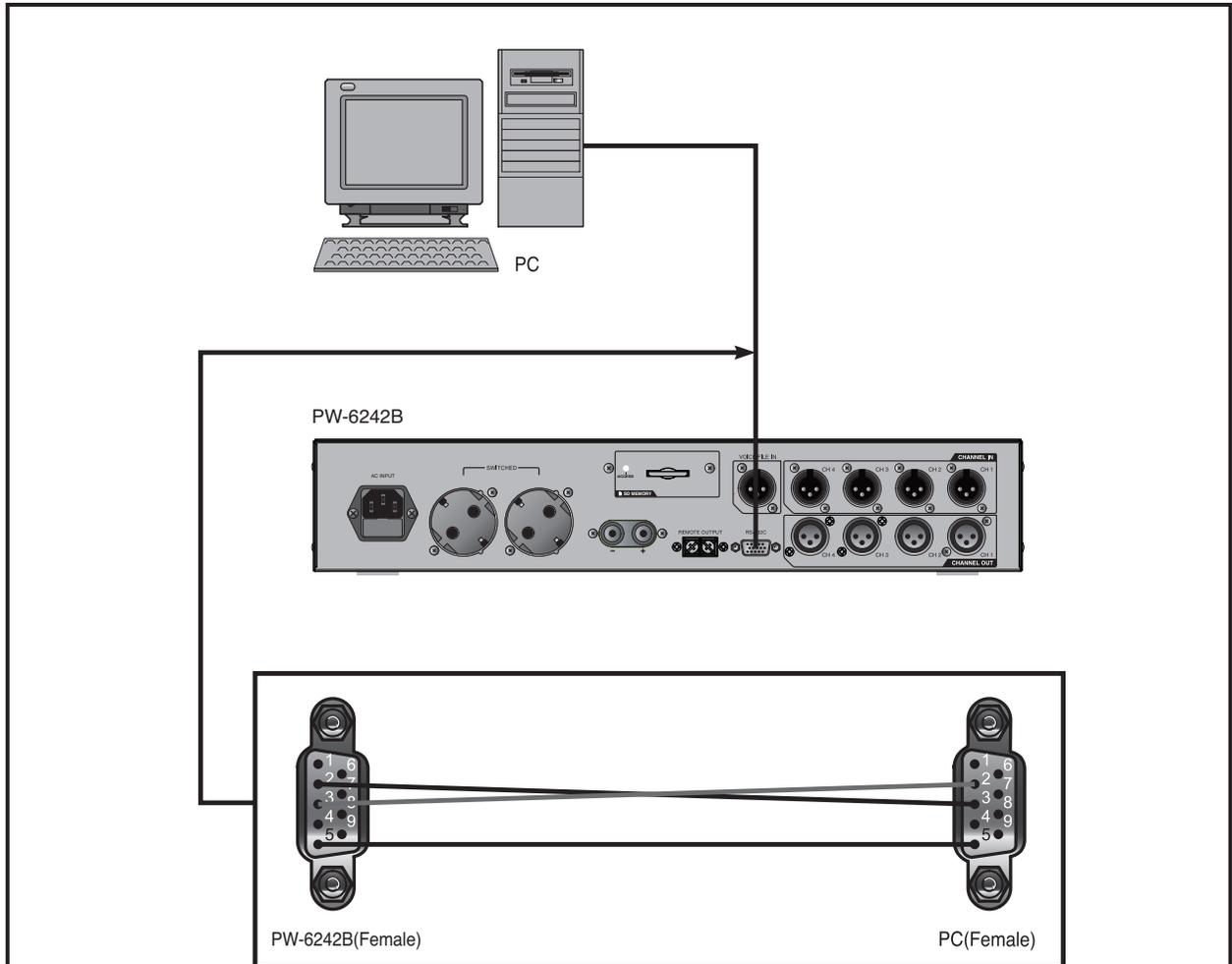
MODEL	Baud Rate
PV-6232A	19200bps
PC	9600bps/19200bps

- ※ When connecting with PC, set up communication speed according to the communication speed set by PC program.

# Application

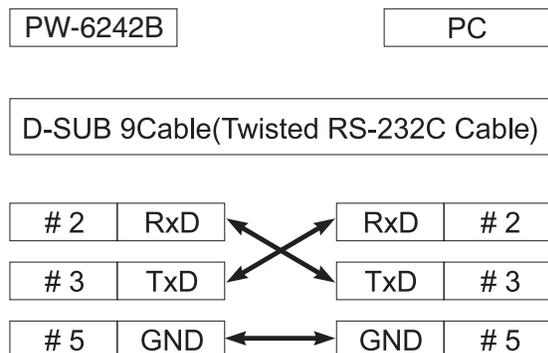


# PC and RS-232C Connection



-RS-232C 핀 활동

Pin No.	Definition
1	NC
2	RxD
3	TxD
4	NC
5	GND
6	NC
7	NC
8	NC
9	NC





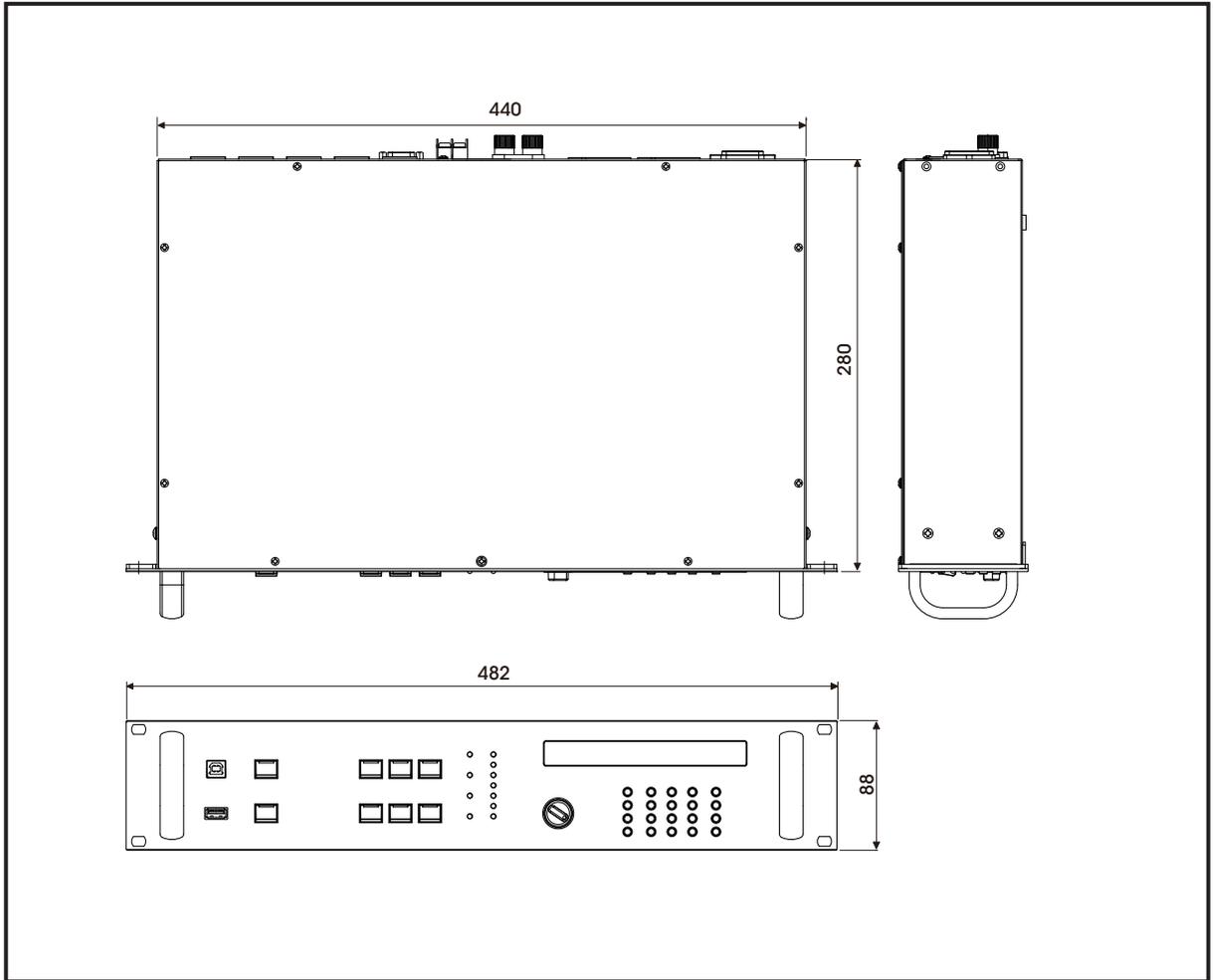
## Specifications

	PW-6242B
Input Channel	5CH
Output Channel	4CH
Output Level (1kHz 0dBFS MP3 Play, Volume Max)	Maximum +15dBu
Frequency Response	20Hz~20kHz
Signal to Noise (20kHz LPF)	More than 100dB
T.H.D (20kHz LPF)	less than 0.05%
AC Power Output1	Maximum 500W
AC Power Output2	Maximum 500W
Data Retention Time	Maximum 12 days
Melody Time (TR0001~TR0015) Total 15 melodies - 247 seconds	TR no.1-2 sec, TR no.2-3 sec, TR no.3-3 sec, TR no.4-5 sec, TR no.5-5 sec, TR no.6-7 sec, TR no.7-7 sec, TR no.8-10 sec, TR no.9-10 sec, TR no.10-15 sec, TR no.11-20 sec, TR no.12-30 sec, TR no.13-30 sec, TR no.14-40 sec, TR no.15-60 sec
Operating Temperature	-10°C~+40°C
Power Source	AC 220-240V, 50/60Hz, DC 24V
Power Consumption	1000W
Weight (set)	4.57kg/10lb
Dimension (set)	482(W)×88(H)×280(D)mm/19(W)×3.5(H)×11(D)in

\* Design and specification are subject to be changed for the improvement of product quality without pre notice.

※ Caution: This device is for business (class A) and is completed in Electromagnetic Compatibility Registration.  
Hope Seller or User be cautious for this point and this device should be used at area other than home.

※ DIMENSIONS



## Service

### Procedures

Take steps to insure the problem is not related to operator error or other products within the system. Information provided in the troubleshooting portion of this manual may help with this process. Once it is certain that the problem is related to the product contact your warranty provider as described in the warranty section of this manual.

### Schematic

A Schematic is available by contacting your warranty provider.

### Parts List

A Parts List is available by contacting your warranty provider.

## Variations and Options

### Variations

Products supplied through legitimate sources are compatible with local AC power requirements.

### Options

No optional items are available for this product.

## Warranty

Warranty terms and conditions vary by country and may not be the same for all products. Terms and conditions of warranty for a given product may be determined first by locating the appropriate country which the product was purchased in, then by locating the product type.

To obtain specific warranty information and available service locations contact Inter-M directly or the authorized Inter-M Distributor for your specific country or region.



Inter-M, Ltd. (Korea) began operations in 1983.

Since then, Inter-M has grown to become one of the largest manufacturers of professional audio and commercial sound electronics equipment in the world.

Inter-M has gained worldwide recognition for its own branded products, as well as private label manufacturing of electronics sold under other names (OEM).

The company is no longer just a Korean company, but rather a global company that is truly international in scope, with factories and offices in Korea and China, and sales and marketing operations located in Japan, Europe, and the U.S.A.

With more than 850 employees around the globe, Inter-M is well-poised for further growth and expansion.

**Inter-M Americas, INC.**

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