

Operating Manual

MVF-2132 Multi-Voice File



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interM

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Welcome

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

Thank you for purchasing this fine Inter-M product. All of us here at Inter-M are dedicated to providing you with the highest quality products and the best value.

We sincerely trust this product will provide you with 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 a part of our worldwide extended family!

Unpacking

Please 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.

Warnings

Environment

Never place this product in an environment that could alter its performance or reduce its service life. Such environments are usually characterized by high levels of heat, dust, moisture, or vibration.

Safety

1. Read these instructions carefully.
2. Follow all instructions.
3. Keep all warnings.
4. Do not operate this apparatus near water.
5. Clean only with a damp cloth.
6. Do not block any of the ventilation openings.
7. Install in accordance with the instructions in this manual.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (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 is 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 it is attached to the apparatus.

11. Use only the attachments/accessories specified.

12. Use only with a cart, stand, tripod, bracket, or table specified, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid overturning.

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.

 <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>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.</p>
<p>WARNING</p> <p>To prevent fire or shock hazard, do not expose the unit to rain or moisture.</p>	 <p>This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.</p> <p>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.</p> <p>Attention: Pour prévenir les chocs électriques ne pas utiliser cette fiche polarisée avec un prolongateur, une prise de courant ou une autre sortie de courant, sauf si les lames peuvent être insérées à fond sans en laisser aucune partie à découvert.</p>
<p>*Do not install this equipment in a confined space such as a book case or similar unit. *The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed 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 that objects do not fall and liquids are not spilled into the enclosure through openings."</p>	

Operation

Make certain that speakers and input sources are properly connected before switching on.

Keep volume levels at minimum gain and equalization set to 0dB position before switching on.

When the power switch is pressed, this unit starts operation with tuner display.

NOTE: The system's operation is delayed by approximately three seconds after pressing the power switch. This is due to the built-in protection circuitry, designed to protect the speakers and other system components.

MVF-2132 Multi-Voice File

Features

Versatile and Convenient

- Easy storage and playback of voice messages and music segment.

CD Digital Sound Quality

- Industry standard 128Kbps MP3 format provides excellent digital sound quality.

Internal Memory

- 32 MB internal memory stores up to 30 minutes of playback material.

Expandable

- 256 MB memory capacity via external memory expansion devices.

Easy Data Transfer

- USB 1.1 compatible for easy transfer of MP3 files to and from computer.

Simple to Use

- Comprehensive front panel status indicators.

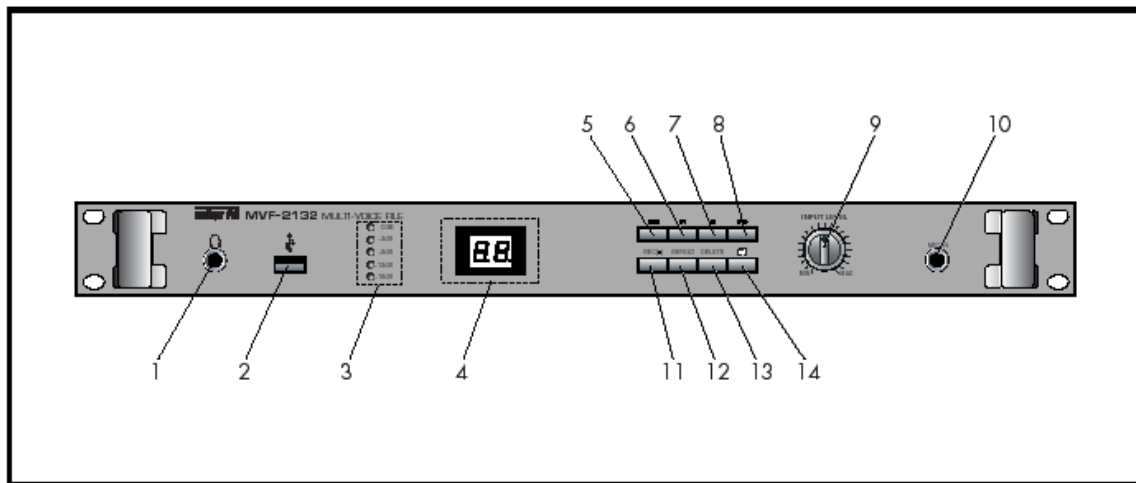
Advanced Connectivity

- Inputs provided for connection with microphone, CD or other line level device.

Slim and Compact

- Single rack space design fits anywhere.

Front Panel Controls



1. Headphone Output

This is a stereo 1/4" phone jack provided for connection of headphones for monitoring the output signal.

2. USB Port

This is a standard USB 1.1 port to connect the unit with a computer to facilitate transfer of MP3 files.

3. Dual Function Level Indicator

While recording, this meter displays the input signal level. During playback, the meter displays the output signal level.

4. Display

Alphanumeric screen displays the status of operational modes and numbers of currently playing audio selection.

5. Rewind Button

Pressing this button selects the previous available file number for playback.

6. Play Button

Pressing this button once will play the selected audio selection. Pressing it a second time will pause playback.

7. Stop Button

Pressing this button will cease playback or record operations.

8. Fast Forward Button

Pressing this button selects the next available file number for playback.

9. Input Level Control

This knob controls the input signal level while recording.

10. Mic Input

This standard 1/4" balanced input accepts a microphone input for recording a voice message or other audio file.

11. Record Button

Pressing this button once will engage Record mode, as indicated by the Display (4). Pressing the Stop button (7) will stop recording.

12. Repeat Button

Pressing this button once will continuously replay the currently selected file. Pressing this button twice will continuously replay all available files. Pressing this button three times will cause the unit to stop after playing the current file.

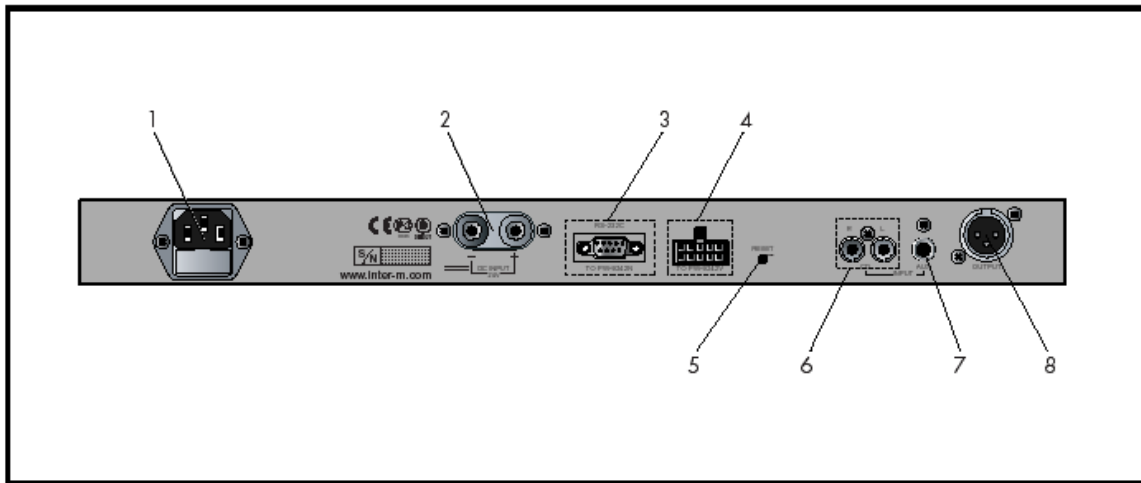
13. Delete Button

This button is used to delete a file from the unit's memory. To delete a file, press the Delete button (13), select the desired file with the Rewind button (5) or Fast Forward button (8), then press the Enter button (14) to confirm the deletion. To cancel the operation, press the Stop button (7).

14. Enter Button

This button is used in conjunction with the Delete button (13) to delete files from the unit's memory.

Rear Panel Controls



1. AC Connector

Connect the supplied standard AC input cable here

2. DC Input Terminals

These terminals are provided for the connection of backup battery. Connect a 24VDC battery source to these terminals. Make certain the red terminal is connected to the battery's positive (+) side, and the black terminal to the battery's negative (-) side.

3. Serial Port

This is a standard RS-232 interface for connecting this unit to the Inter-M PW-9242N weekly program timer.

4. Remote Control Port

This multi-pin connector is provided for interfacing with the Inter-M PW-9242V Weekly Program Timer.

5. Reset

Pressing this button will reboot the unit's internal CPU to clear errors or other malfunctions.

6. CD Input

This is an unbalanced stereo input on RCA jacks, for connecting a compact disc player or other line-level source, for the purpose of recording an audio signal.

7. Aux Input

This is an unbalanced mono input on 1/4" jack, for connecting a cassette deck or other line-level source, for the purpose of recording an audio signal.

8. Output

This is a balanced mono output on XLR jacks, for connecting to a sound system or paging system for playback of the audio content.

Display Legend

- PLAY



Display segments flash sequentially around display perimeter, alternating with current file number.

- PAUSE



Display segments will appear stationary in this mode.

- REW/FF



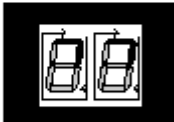
The selected program number will appear.

- STOP



The two red dots will flash.

- RECORDING



Display segments will light sequentially in this mode.

- DELETE DISPLAY



The letters "dE" will appear, indicating the Delete button has been pressed.

- ENTER



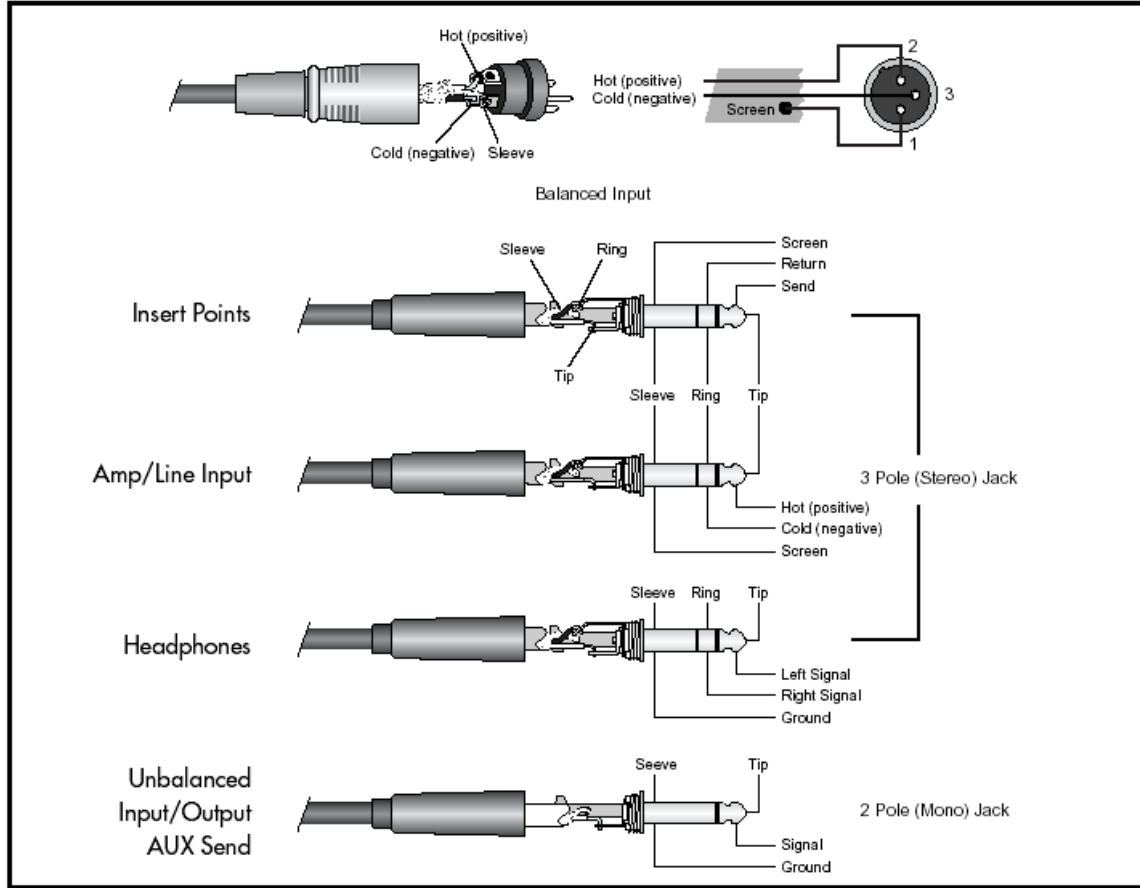
The letters "En" will appear, indicating the Enter button has been pressed.

- REPEAT

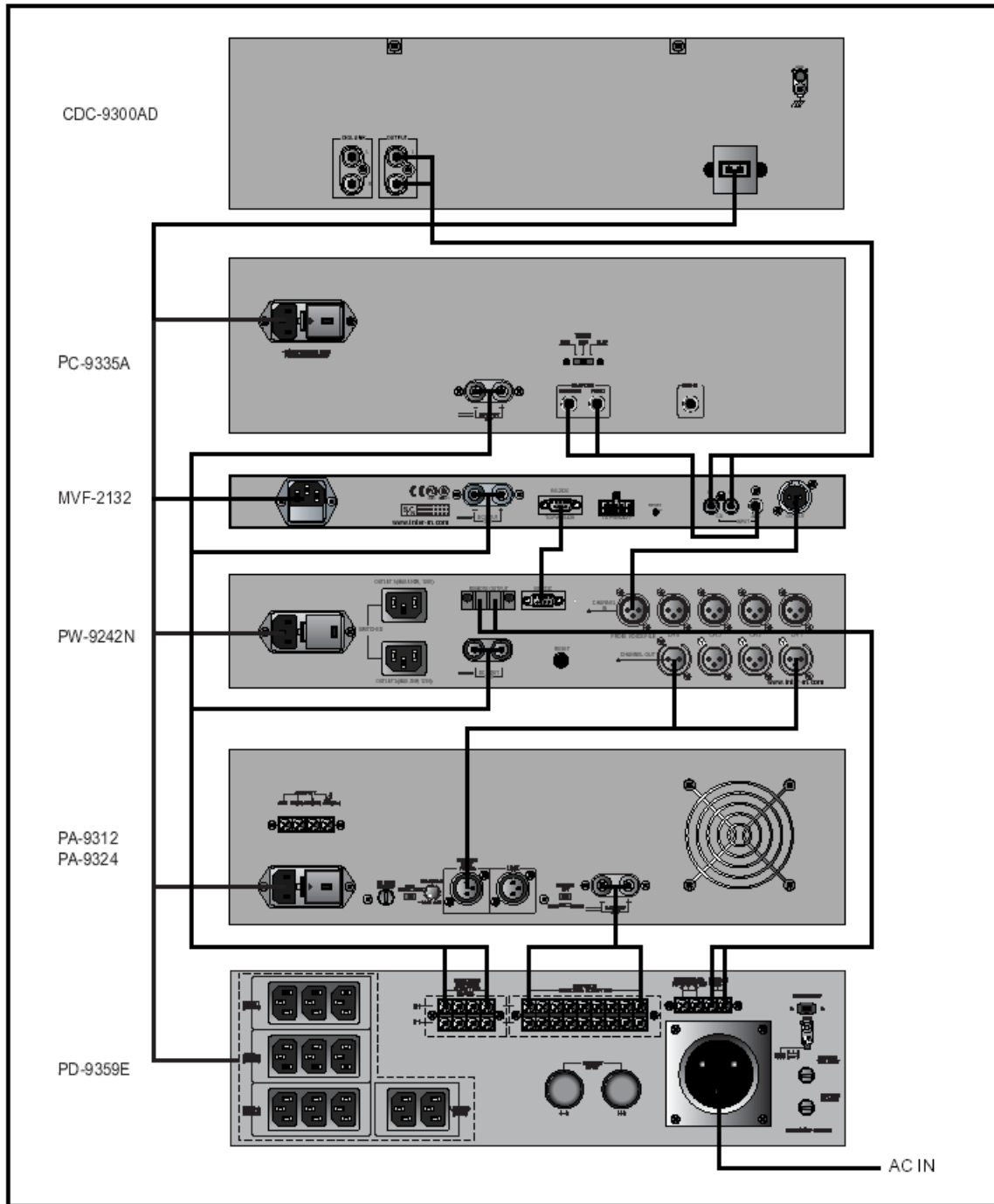


"r1" indicates the Repeat button has been pressed once. "rA" indicates the Repeat button has been pressed twice. "rE" indicates the Repeat button has been pressed three times.

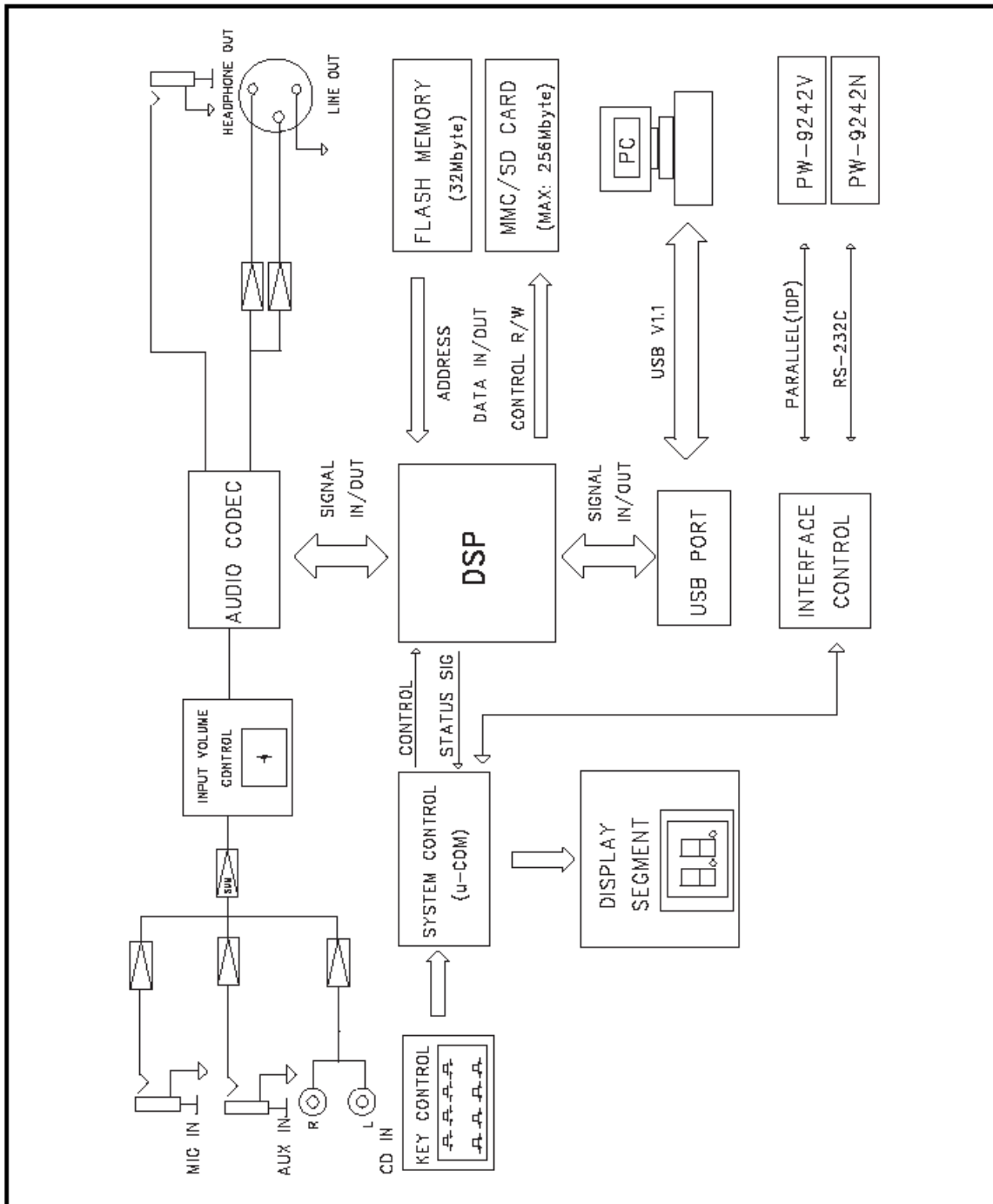
Connections



Applications



Block Diagram



Specifications

Communication Method	RS232C
Rated Output	1V/2k Ω
Headphone Output	318mV/47k Ω
Input Sensitivity/Impedance	
Mic Input (BAL)	3mV/47k Ω
Aux In	318mV/47k Ω
CD Input	1V/47k Ω
Frequency Response (± 3dB)	80Hz – 15kHz
Residual Noise	1mV/2k Ω
AC Mains Power Source	100V–120VAC, 220-240VAC 50/60Hz 24VDC
Power Consumption	12W
Weight	3.5kg (7.7 lbs)
Dimensions	482 mm(W)x 44 mm(H)x 280 mm (D) 19 in (W)x 1.75 in (H)x 11 in (D)

Specifications and design subject to change without notice for product improvements.



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.

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