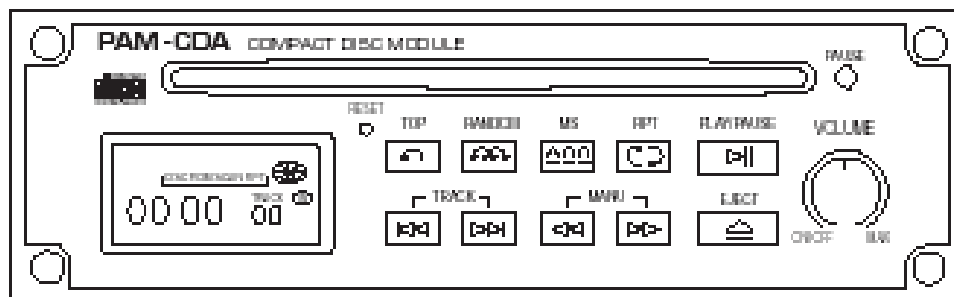


# Operating Manual

## PAM-CDA Compact Disc Module



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**interM**

## Contents

<b>Welcome .....</b>	<b>3</b>
<b>Unpacking .....</b>	<b>3</b>
<b>Warnings .....</b>	<b>3</b>
<b>Features .....</b>	<b>5</b>
<b>Front Panel Controls.....</b>	<b>6</b>
<b>Connections.....</b>	<b>8</b>
<b>Block Diagram .....</b>	<b>9</b>
<b>Specifications.....</b>	<b>10</b>

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## Welcome

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### **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!

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## Unpacking

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Although your PAM-CDA module 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.

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## Warnings

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### **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 only 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><b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <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><b>WARNING</b></p> <p>To prevent fire or shock hazard, do not expose the unit to rain or moisture.</p> <p><small>*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."</small></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>

## **PAM-CDA Compact Disc Module**

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### **Features**

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#### **Programmable Playback**

- Easy-to-use, fully programmable playback modes including random shuffle.

#### **LCD Display**

- Easy-to-read front-panel display.

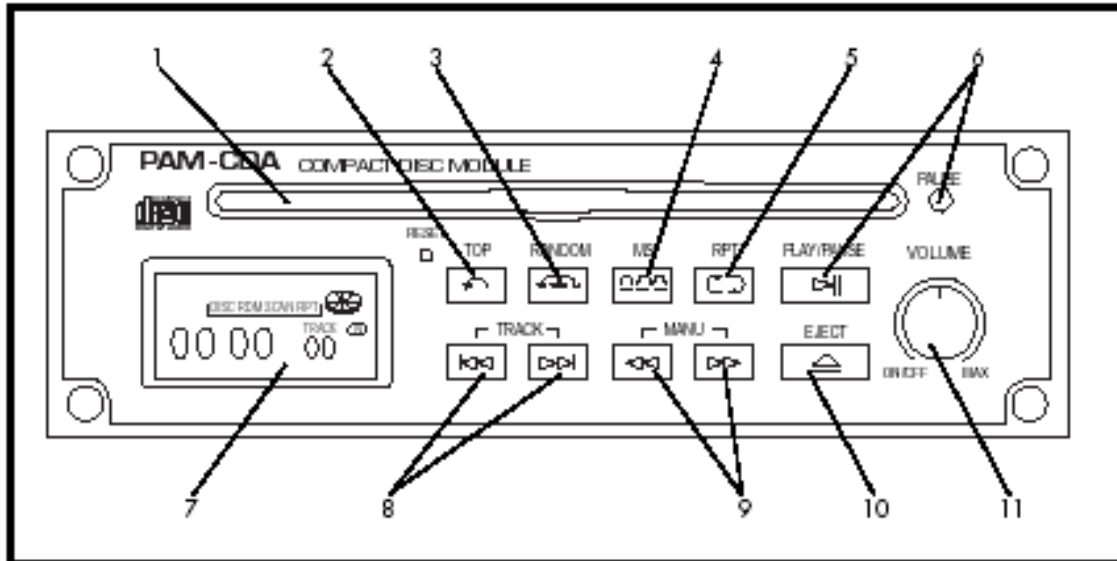
#### **Integrates with PAM-Series Mixer/Amplifiers**

- Fits only in right bay of PAM-series Mixers/Amplifiers.

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## Front Panel Controls

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### 1. Disc Access Slot

Insert a CD into this slot with the label facing up, and the disc is automatically loaded. Playback begins with the first track on the CD.

### 2. Top Switch

This switch is used to play the first track on the CD. Scan, repeat and random play functions are cleared when this switch is pressed.

### 3. Random Play Switch

This switch is used to select playback of the tracks on the CD in random order. When the switch is pressed, RDM will appear in the display (7). After the current track has played, subsequent tracks will be selected in random order. Pressing the switch again, or pressing the Top Switch (2), clears Random mode.

### 4. Music Scan Switch

This switch is used to play the first 10 seconds of each track in succession. It is useful when searching for a specific track on a CD. When the switch is pressed, SCAN will appear in the display, and the track number display will reflect the next upcoming track.

Pressing this switch again, or pressing the Top Switch (2) will clear Scan mode, allowing the currently selected track to play through to the end.

### 5. Repeat Switch

This switch is used to select Repeat mode, where the current track will play continuously. Pressing this switch again, or pressing the Top Switch (2), will cancel Repeat mode.

## 6. Play/Pause Switch

Pressing this switch when playback is stopped will begin playback of the CD from the beginning of the first track.

Pressing this switch while the CD is playing will place the machine in Pause mode. The CD will stop playing, the adjacent PAUSE indicator LED will light, and the CD will continue to spin. Pressing the Play/Pause switch again will then resume playback from the same spot on the CD.

## 7. LCD Display

This display indicates playback status and currently selected actions.

## 8. Track Selection Switches

These switches are used to select or search for a specific track.

To select a subsequent track on the CD, press the Track Up Switch (▶▶) until the desired track number appears in the display.

To select a previous track on the CD, press the Track Down Switch (◀◀) until the desired track number appears in the display.

## 9. Manual Music Search Switches

These switches are used to search for a specific audio passage. Press and hold the FORWARD SEARCH (▶▶) or BACKWARD SEARCH (◀◀) button to monitor audio at a faster rate. Release the button to resume normal playback.

## 10. Eject Switch

Pressing this switch stops playback and ejects the CD.

## 11. On/Off Volume Control

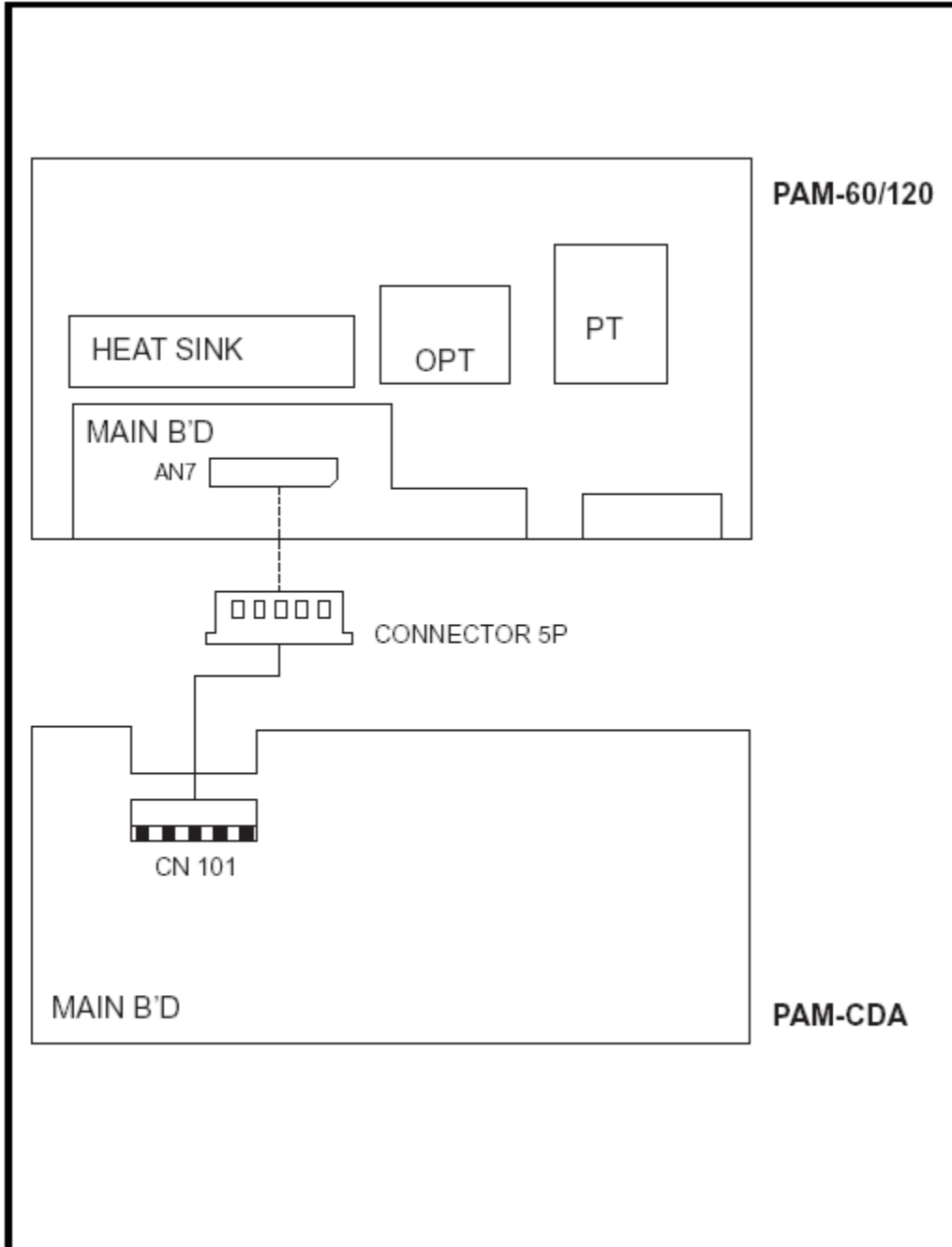
Rotating this knob fully counter-clockwise will switch the unit off. Rotating it clockwise will increase the volume.

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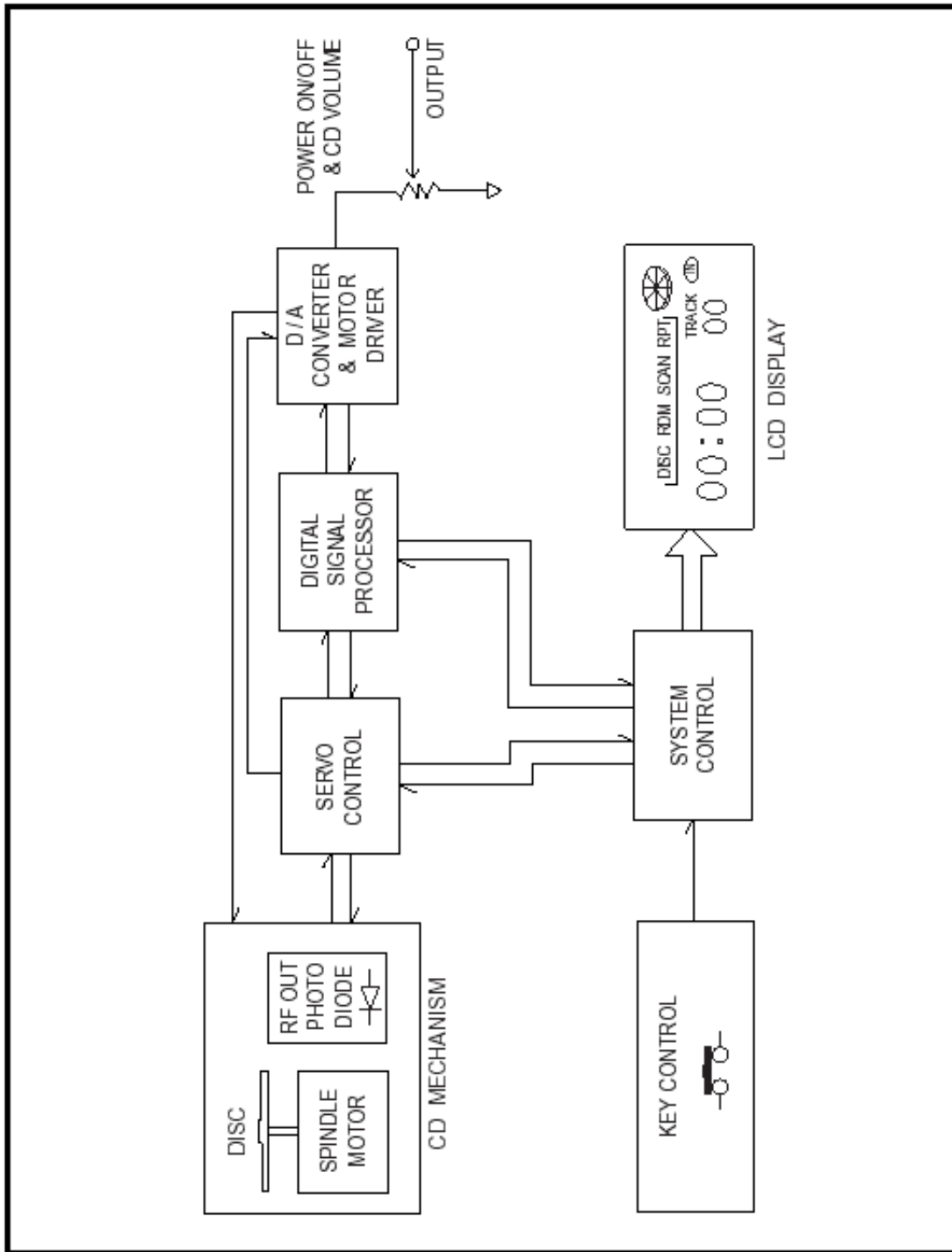
## Connections

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The PAM-CDA is designed to plug into the PAM-60/120 right module as shown below:



### Block Diagram



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**Specifications**

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<b>S/N Ratio</b>	70dB
<b>T.H.D</b>	0.1%
<b>Frequency Response</b>	100Hz – 20kHz at $\pm 3$ dB
<b>Mechanism Lifetime</b>	>2000 hrs

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**GENERAL**

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<b>Power Source</b>	+18V (from PAM-60/120)
<b>Weight</b>	2.5kg (5.5 lbs.)
<b>Dimensions</b>	184 (W) x 55 (H) x 93 (D) mm 7.25 (W) x 2.2 (H) x 3.6 (D) in

*Specifications and design subject to change without notice for 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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