

Operation Manual

PG-9104 Program Exchanger



interM

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Unpacking and Installation

Although it is neither complicated to install nor difficult to operate your power Amplifier, a few minutes of your time is required to read this manual for a properly wired installation and becoming familiar with its many features and how to use them.

Please take a great care in unpacking your set and do not discard the carton and other packing necessary to return your set for when moving your set and are required if it ever becomes necessary to return your set for service.

Never place the unit near radiators, in front of heating vents, to direct sun light, in excessive humid or dusty location to avoid early damage and for your years of quality use.

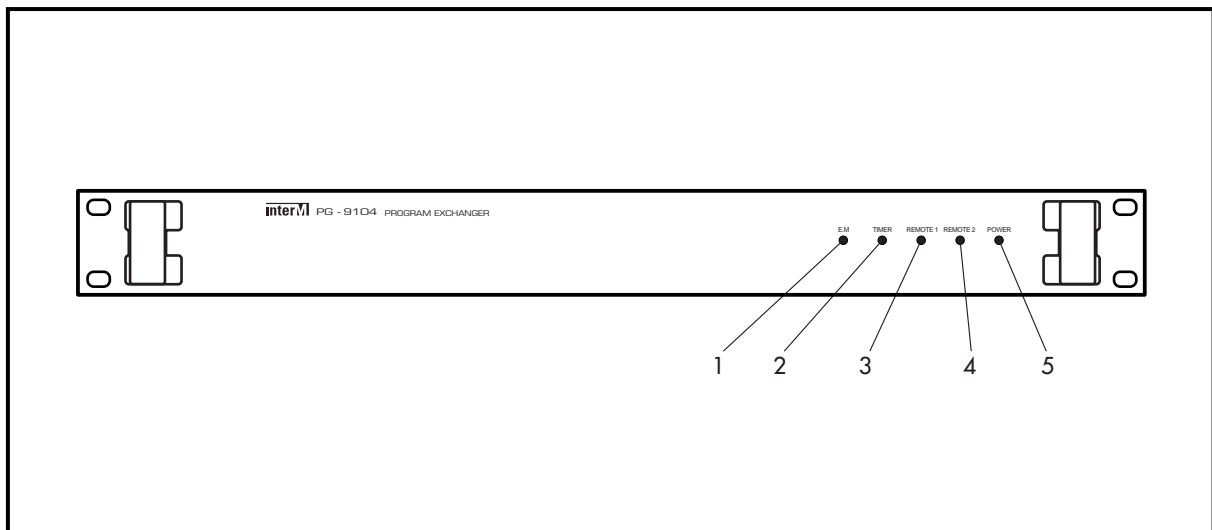
Connect your complementary components as illustrated in the following page.

 <p>CAUTION 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>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>WARNING</p> <p>To prevent fire or shock hazard, do not expose the unit to rain or moisture.</p>	<p>Attentions: 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>

Features

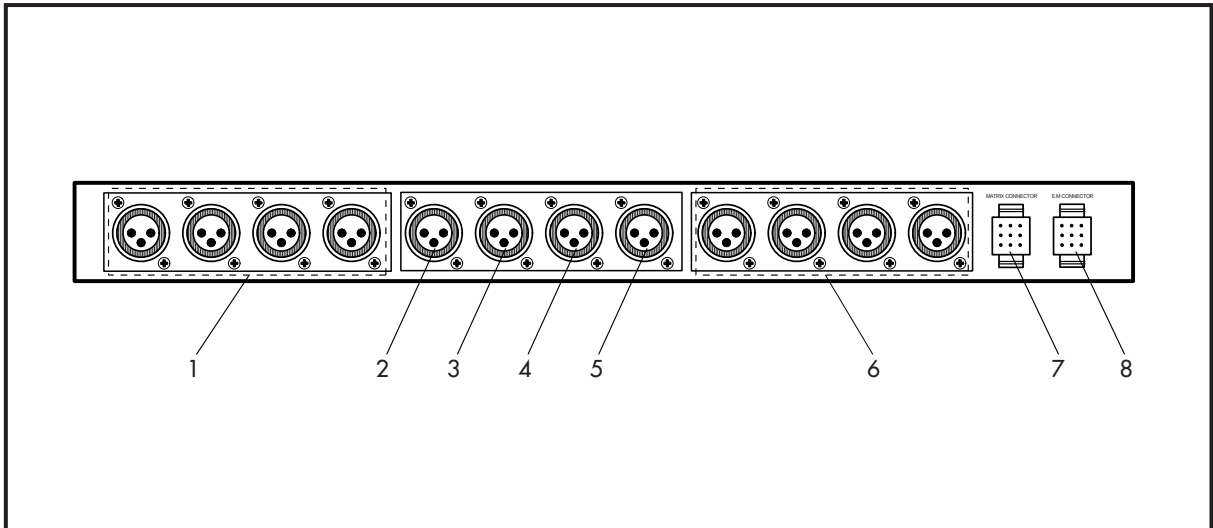
- PROGRAM AUTO SELECTION
Remote, Timer, E.M, & Signal present by matrix and one input of them is selected automatically.
- PRIORITY ORDER
Outputs first signal and isolates late signal by priority order feature.
- QUADRUPLEX
4 inputs & outputs for quadruplex broadcasting of school, hotel, departmentstore etc.
- INDICATOR
Each indicators indicate signal type of each broadcasting.

Front Panel Controls



1. E.M LED
Illuminates when Emergency broadcasting is working.
2. TIMER LED
Illuminates when auto timer is working.
3. REMOTE 1 LED
Illuminates when remote 1 is working.
4. REMOTE 2 LED
Illuminates when remote 2 is working.
5. POWER LED
Illuminates when the power is on or power distributor's (PD-9359) power on.

Rear Panel Controls



1. LINE OUTPUT JACK

Distributes each output to the main AMP.
If you use unbalance, "-" and "G" have to be shorted.

2. REMOTE 2 JACK

Connect to output jack of 2 remote RM-916 (Inter-M product).

3. REMOTE 1 JACK

Connect to output jack 1 of remote RM-916 (Inter-M product).

4. TIMER JACK

Connect to output jack of timer PW-9242V (Inter-M product).

5. E.M JACK

Connect to Emergency output jack of EP-9216 (Inter-M product).

6. LINE INPUT JACK

Connect to output of pre AMP or mixing consol. This jack is balanced (+, -, G) and can be connected to four signals. If you use unbalance, "-" and "G" have to be shorted.

7. MATRIX CONNECTOR

Connect to E.M.G Jack of PX-9116 (Inter-M product).

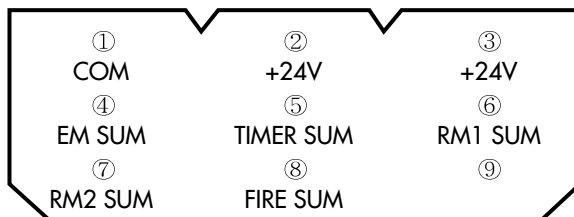
8. E.M CONNECTOR

Connect to matrix connector of EP-9216 (Inter-M product).

Rack Mounting

- Unplug or power off before installation.
- Connect matrix connector of this equipment to EMG connector of PX-9116 (Inter-M product).
- Connect line in to pre Amp's output and lineout to Main Amp's input.
- Connect E.M jack of program input to output of EP-9216 (Inter-M product). Timer jack to output of PW-9242V (Inter-M production), R.M 1 & 2 to output of RM-916 (Inter-M product).
- Connect E.M Connector to E.M Matrix.

※ Pin number & Features of matrix connector



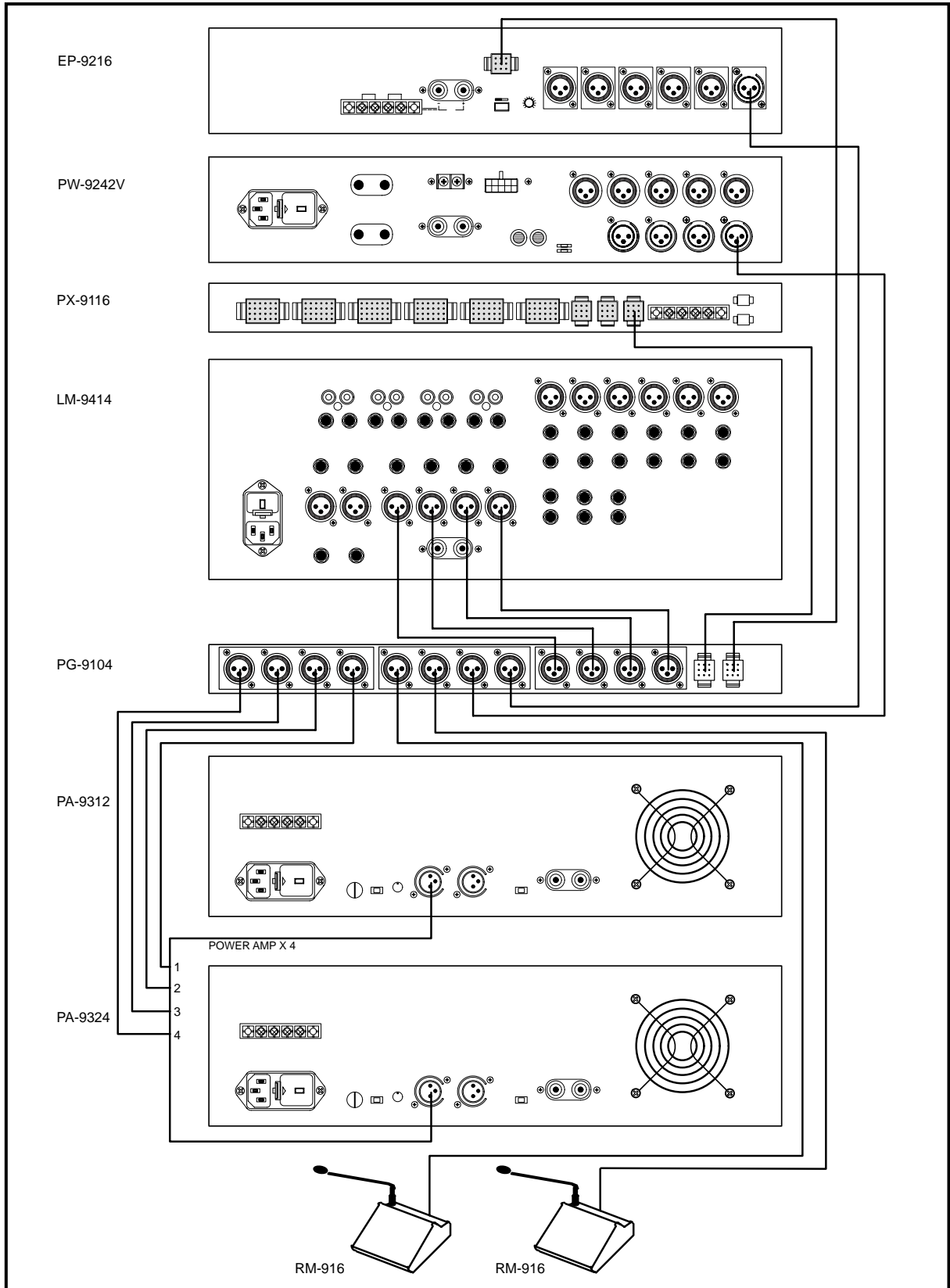
Operation

1. Plug in. When Power on the power distributor (PD-9359 Inter-M product) power LED of this equipment should be illuminated.
2. Turn ON power of all equipments in rack system and check B.G.M output.
3. If system is normal, on remote 2 and check remote output.
4. If remote 2 is normal, operate remote 1, Timer, E.M. by priority order and check output by program changes.
5. If system is not working, check D.C voltage and matrix connector pin.

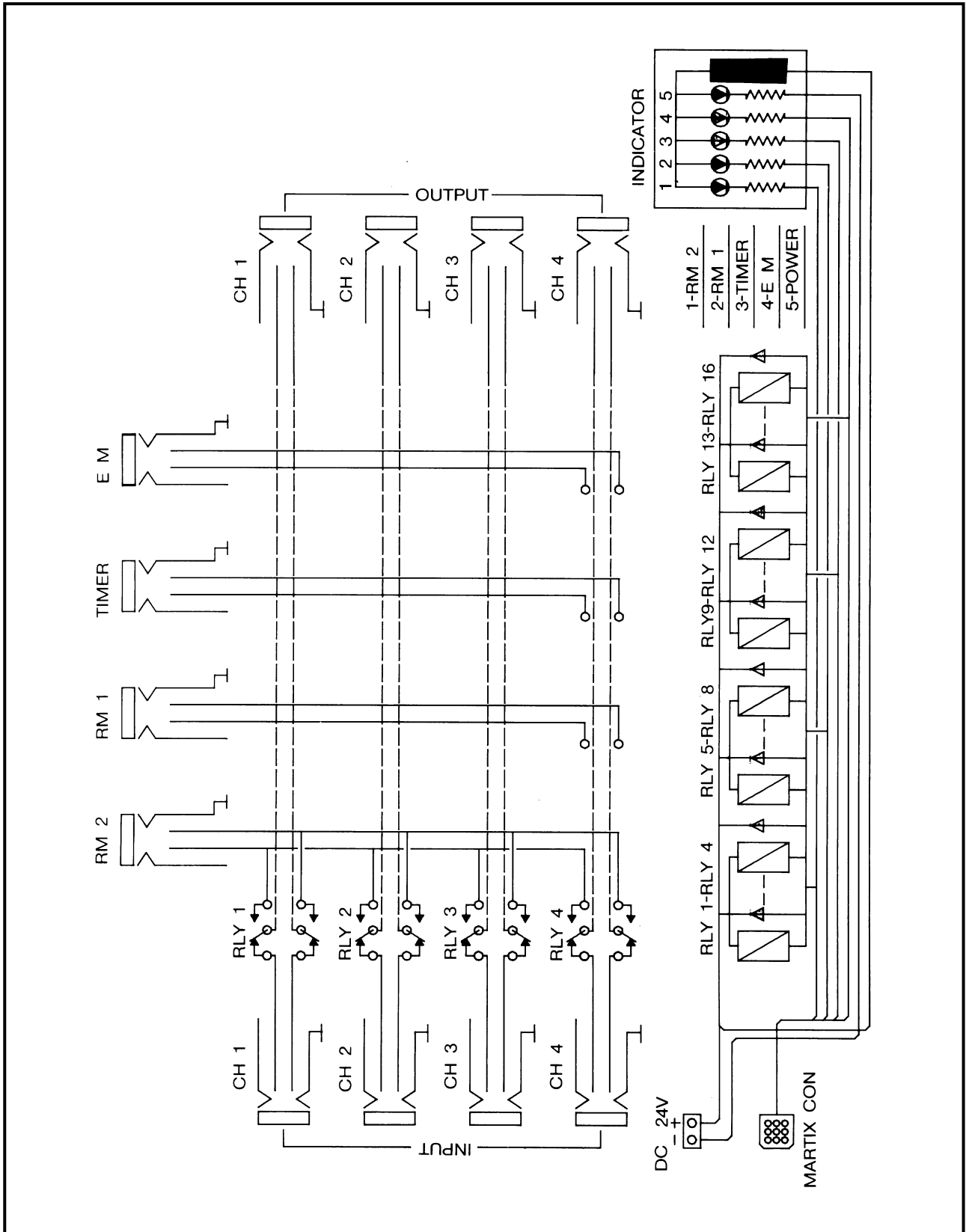
※ P.G.M Exchanger order

Order	Input Signal
1	EMERGENCY Input
2	TIMER Input
3	REMOTE 1 Input
4	REMOTE 2 Input
5	PRE AMP Input

Connections



Block Diagram



Specifications

- ELECTRICAL

Activation.....	Auto
P.G.M Exchanger.....	5 Circuits
Indicator	Power LED, R.M 1 & 2 LED, Timer LED, E.M LED

- GENERAL

Power Source	DC 24V
Weight.....	5kg
Dimensions	482(W) × 44(H) × 240(D)mm

- ACCESSORIES

Operating Manual.....	1
9 Pin Plug: Plug Cord	1 (Matrix Connection)
Screw	4 (Rack Mount)
Washer	4 (Rack Mount)

* 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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