OPERATION MANUAL

PX-9600

MATRIX

PASCOM

Contents
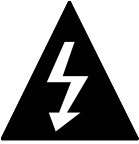
Unpacking and Installation

Although it is neither complicated to install nor difficult to operate your set , 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 our set and do not discard the carton and other packing materials. That may be needed 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, excessive humid or dusty location to avoid early damage and for your years quality use. Connect your complementary component as illustrated in the following page.

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 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.

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.

PX-9600 .1

Features

- PRIORITY CONTROL

You can control the priority of operating mode emergency, timer, remote 1, remote 2, business by using this matrix.

- TWO WIRE-SYSTEM AND THREE-WIRE SYSTEM LINE

You can control the speaker relay ling on the two-wire system and three-wire system when fire or emergency.

- EXTENSION FUNCTION

You can connect easily to the next model (PX-9600 made by our company) by the connector, when extend over sixteen lines.

- This model should be used with concerning equipment (emergency switcher-our model ES-9600, relay group-our model RG-9600, emergency microphone-our model EM-9600)

2. PX-9600

Front Panel & Rear Panel Controls
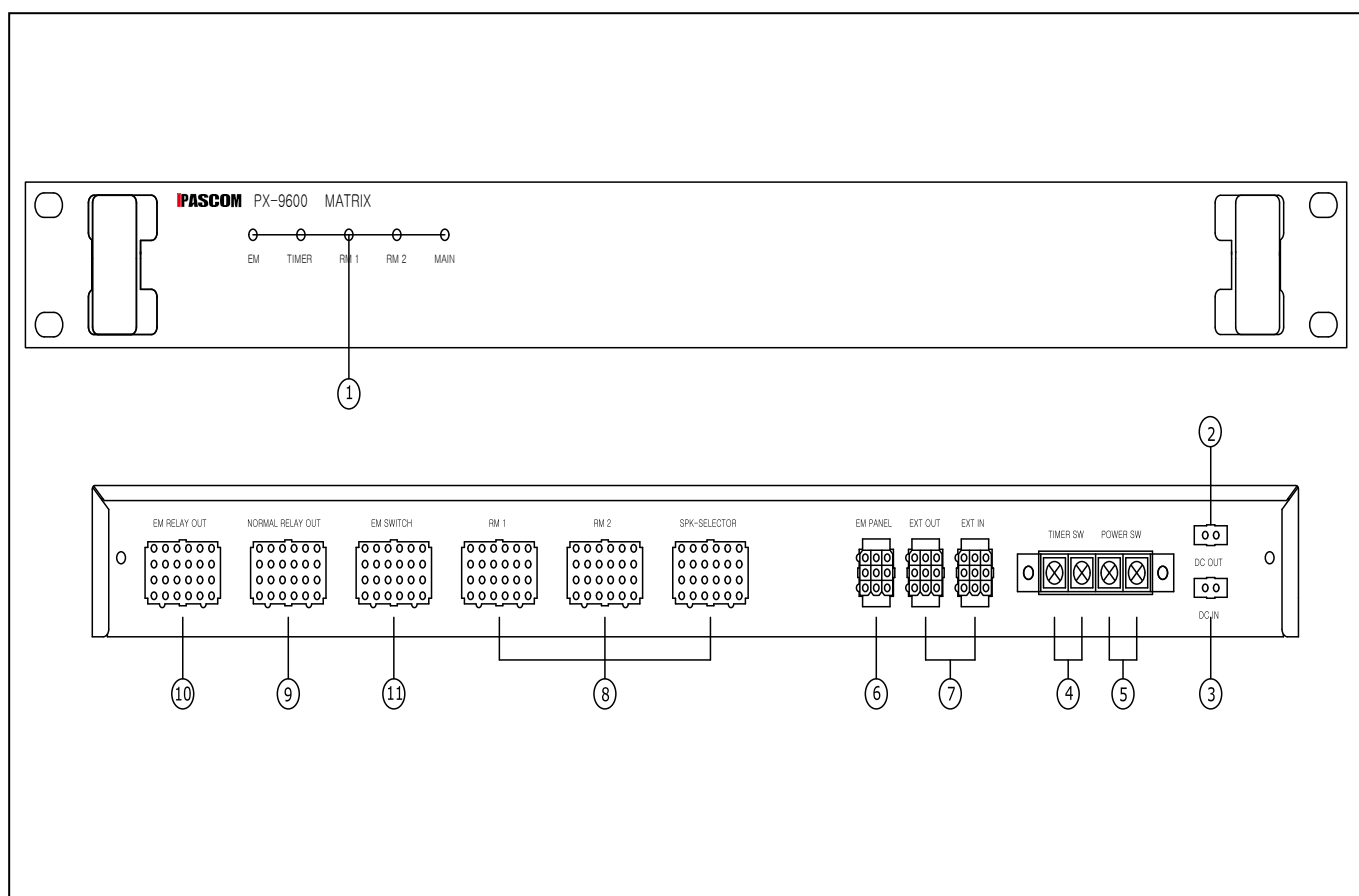
1. BROADCASTING INDICATORS

The relevant LED indicate the any broadcasting status which are composed of general.

2. DC 24V INPUT CONNECTOR

This is for connecting the DC 24V emergency power.

3. DC 24V OUTPUT CONNECTOR

This is for connecting to DC input connector of the next emergency model for extension.

4. TIMER SWITCH TERMINAL

This is for connecting the timer switch which is located in switch terminal on rear panel of DPT-9600 made by our company. When system operating this control to relay group (RG-9600 made by our company) and the emergency panel.

5. POWER SWITCH CONNECTION TERMINAL

This is for connecting the remote control of power distributor (PD-9600 made by our company)

6. EMERGENCY PANEL CONNECTOR

This is for connecting the EM-9600 by connecting the its matrix terminal.

7. EXTENSION CONNECTOR

This is for connecting to the next model when extend over sixteen lines.

8. REMOTE 1, REMOTE 2, SPEAKER SELECTOR CONNECTOR

This is to be connected to the speaker selector (PS-9616I made by our company) for selecting the 16 speakers after this equipment is connected with RG-9600 (Relay group)

9. NORMAL RELAY CONNECTOR

This is for connecting the relay group (RG-9600 made by our company). It is connected with the normal relay connector in relay group.

10. EMERGENCY RELAY CONNECTOR

This is for connecting the relay group (RG-9600 made by our company). It is connected with the emergency relay connector in relay group.

11. EMERGENCY SWITCHER CONNECTOR

This is for connecting the emergency switcher (ES-9600 made by our company). It is connected with the emergency switcher terminal in emergency switcher.
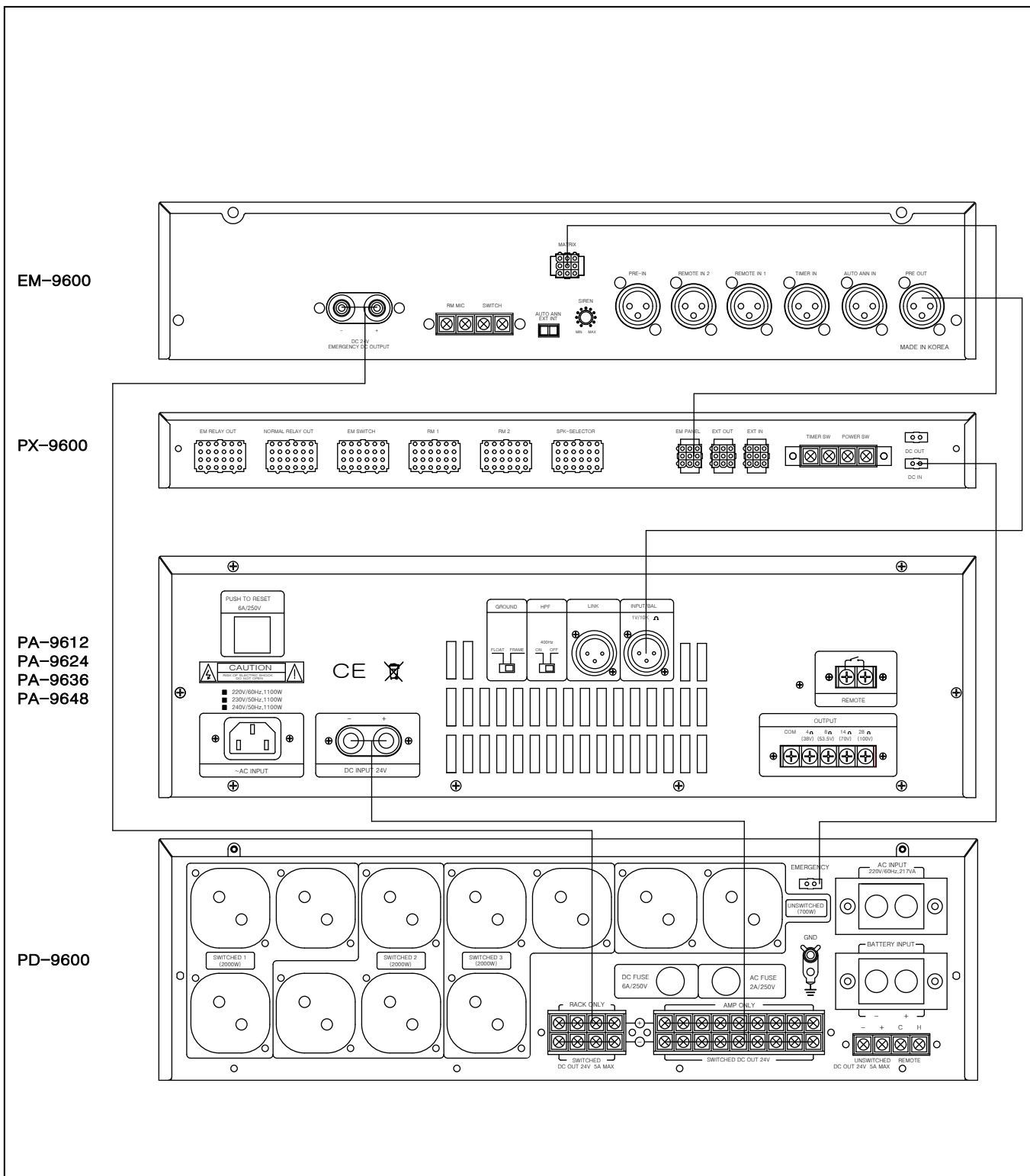
- Notes

THREE-WIRE SYSTEM

On firing, select the emergency speaker switch, the main amplifier output is operating through the emergency speaker connector line of relay group-our model RG-9600.

The emergency speaker line is used the Em relay connector of PX-9600 rear panel and the output A.B connector with the emergency speaker line of RG-9600 rear panel.

4. PX-9600

Applications

EM-9600

MATRIX

PRE-IN REMOTE IN 2 REMOTE IN 1 TIMER IN AUTO ANN IN PRE OUT

RM MIC SWITCH

AUTO ANN EXT INT

SIREN
MIN MAX

DC 24V
EMERGENCY DC OUTPUT

MADE IN KOREA

PX-9600

EM RELAY OUT NORMAL RELAY OUT EM SWITCH RM 1 RM 2 SPK-SELECTOR EM PANEL EXT OUT EXT IN TIMER SW POWER SW

DC OUT

DC IN

**PA-9612
PA-9624
PA-9636
PA-9648**

PUSH TO RESET
6A/250V

GROUND HPF LINK INPUT BAL
1V/10K

FLOAT FRAME 400Hz ON OFF

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CE

220V/60Hz,1100W
230V/50Hz,1100W
240V/50Hz,1100W

~AC INPUT   DC INPUT 24V
                 −   +

REMOTE

OUTPUT
COM 4Ω 8Ω 14Ω 28Ω
(38V) (53.5V) (70V) (100V)

PD-9600

EMERGENCY

AC INPUT
220V/60Hz,217VA

UNSWITCHED
(700W)

SWITCHED 1
(2000W)

SWITCHED 2
(2000W)

SWITCHED 3
(2000W)

GND

BATTERY INPUT
−   +   C   H

DC FUSE
6A/250V

AC FUSE
2A/250V

RACK ONLY AMP ONLY

SWITCHED
DC OUT 24V 5A MAX

SWITCHED DC OUT 24V

UNSWITCHED
DC OUT 24V 5A MAX

REMOTE

Suggestions on Installation of a Rack

1. Turn-off the power before installation of the system.

2. Connect the timer switch terminal on rear panel to timer switch of DPT-9600 rear panel.

3. Connect the power switch on rear panel to remote power switch terminal of PD-9600 rear panel.

4. Connect the remote 1, terminal on rear panel to remote connector of PS-9616I rear panel after reference of below table 2 on the same method, connect the remote 2 to indirect speaker selector.

5. Connect the emergency relay and the normal relay connector on rear panel to emergency relay and normal relay connector of RG-9600 rear panel.

6. Connect the emergency switcher connector on rear panel to em ergency-switcher terminal of ES-9600 rear panel after reference of below table 1.

7. Connect the EMG connection terminal on rear panel to matrix connector of EM-9600 rear panel after reference of below table 3.
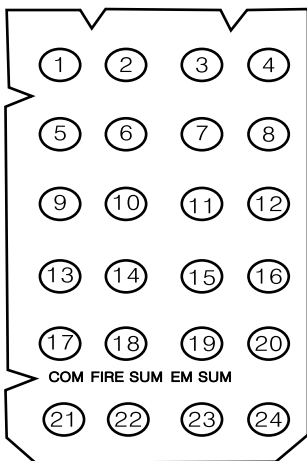
PIN 1~PIN16 : Connect the pins in emergency switcher connector to emergency switcher terminal terminal of ES-9600 rear panel.
PIN 17 : Connect the COM pin to COM terminal of ES-9600 rear panel.
PIN 18 : Connect the FIRE SUM pin to FIRE SUM terminal of ES-9600 rear panel.
PIN 19 : Connect the EM SUM pin to EM SUM terminal of ES-9600 rear panel.
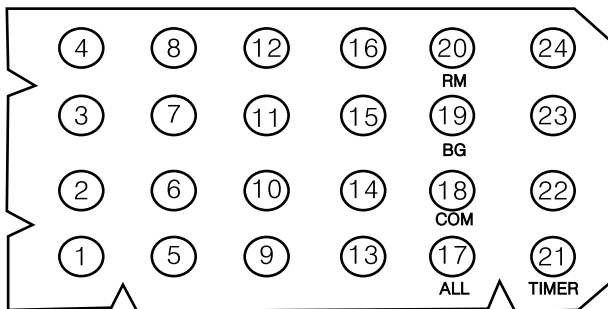
TABLE 1 EMERGENCY SWITCHER CONNECTOR PIN NO. & FUNCTION

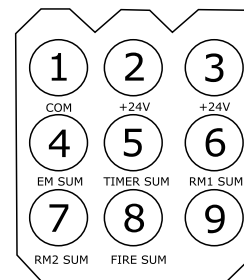TABLE 2 REMOTE 1, REMOTE 2, SPEAKER SELECTOR CONNECTOR PIN NO. & FUNCTION

TABLE 3 EMG CONNECTOR PIN NO. & FUNCTION

6. PX-9600

Operating Procedure

1. Supply the power to this system.
2. The RG-9600, EM-9600 are controlled by the signal of speaker selector, remote 1, remote 2, timer, fire sensor.

- The system is controlled by priority

PRIORITY	CONTROL SIGNAL
1	FIRE SENSOR
2	EMERGENCY SPEAKER SELECTOR
3	TIMER
4	REMOTE 1
5	REMOTE 2
6	SPEAKER SELECTOR

Specifications

- ELECTRICAL

Speaker Relay Control -- 16 Line

Program Exchange Mode --- 5

Priority --- 1. Emergency

2. Timer

3. Remote 1

4. Remote 2

5. Business

Indicator --- Mode 5

- GENERAL

Power Source --- DC 24V

Dimensions --- 482(W)×44(H)×280(D) mm

Weight (Net) --- 4.4 kg

NOTE: Specifications and design subject to change without notice for improvement.

Service

Procedures

Ensure the problem is not related to operator error, or system devices that are external to this unit. 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.

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 PASCOM directly in Korea or the authorized PASCOM Distributor for your specific country or region.

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