

AeGIS NPB7000 Series

MULTI TENANT NON-SUBSCRIBER SYSTEM



- PROGRAMMABLE HANDS FREE SYSTEM
- POSTAL LOCK READY
- TWO LINE BACKLIT ELECTRONIC DIRECTORY
- SINGLE RELAY
- DISTINCTIVE RINGING
- CALL WAITING

TECHNICAL SPECIFICATION

MAIN LOBBY CONTROL PANEL	MAIN RELAY CONTROL PANEL
<p>POWER INPUT: 12VAC/40VA (supplied) or 12VDC/40VA (output reading must be 13.5 - 14.5 VDC).</p> <p>CURRENT CONSUMPTION: 500mA idle, 700mA operating.</p> <p>EMERGENCY BATTERY: Built-in charging circuit for 12VDC/4Ahr rechargeable battery (battery is not supplied).</p> <p>OPERATING ENVIRONMENT: 32° F to 140° F. Humidity 0%-95% noncondensing. Heater is required if the temperature is below 32° F.</p> <p>RELAY OUTPUT: Single relay Form C Dry Contact 120VAC10A/ 24VDC10A/ 250VAC 7A., with programmable strike time.</p> <p>ELECTRONIC DIRECTORY: 1x16 Backlit Liquid Crystal Display (LCD).</p> <p>DIALING: Tone.</p> <p>NIGHT LIGHT: Super Bright Light Emitting Diode (LED).</p> <p>MEMORY: EEPROM (non-volatile).</p> <p>CONSTRUCTION: 16 Gauge Cold Rolled Steel back box with enamel finished and Brushed Stainless Steel Faceplate.</p> <p>MOUNTING: Surface and full-flush.</p> <p>DIMENSIONS: <u>Surface</u> 10-13/16 "(H) x 8-5/8 "(W) x 3-3/4 "(D). <u>Full-flush</u> 10-13/16"(H) x 8-3/8"(W) x 2-7/16(D)</p> <p>MOUNTING RING FULL-FLUSH (FFM9 is included): <u>Inside</u> 11-1/8" (H) x 8-11/16"(W) x 2-5/8"(D) <u>Outside</u> 14-5/16" (H) x 12-1/8" (W)</p> <p>SHIPPING WEIGHT: 11 Lbs. approximate.</p>	<p>POWER INPUT: 12VAC/40VA (supplied) or 12VDC/40VA (output reading must be 13.5 - 14.5 VDC).</p> <p>CURRENT CONSUMPTION: 50mA Idle, 680mA operating.</p> <p>EMERGENCY BATTERY: Built-in charging circuit for 12VDC/4Ahr rechargeable battery (battery is not supplied).</p> <p>OPERATING ENVIRONMENT: 32° F to 140° F. Humidity 0%-95% noncondensing.</p> <p>DIALING: Tone.</p> <p>CONSTRUCTION: 16 Gauge Cold Rolled Steel box with enamel finished.</p> <p>DIMENSIONS: <u>MS79012-48 and MX79012-48</u> 16"(H) x 12-5/16"(W) x 5-1/8"(D) <u>MS79060-120 and MX79060-120</u> 23"(H) x 12-5/16"(H) x 5-1/8"(D)</p> <p>SHIPPING WEIGHT: MS79012-48 22 Lbs MS79060-120 54 Lbs MX79012-48 22 Lbs MX79060-120 54 Lbs</p> <p>"Two Years Warranty" includes lightning and power surge if ASP1 is installed.</p>

INSTALLATION REQUIREMENT

<p>POWER INPUT: 16-18 gauge 2-conductors stranded wire.</p> <p>BATTERY BACKUP: 16-18 gauge 2-conductors stranded wire.</p> <p>COMMUNICATION BETWEEN MAIN LOBBY CONTROL PANEL AND MAIN RELAY CONTROL PANEL: 16-18 gauge 2-conductors shielded stranded wire. Ground one end of the shield to the earth ground.</p> <p>DOOR INPUT SENSOR: 18 gauge 2-conductors stranded wire.</p>	<p>GROUNDING: 16 gauge solid wire to ground the Main Lobby Control Panel enclosure to the earth ground. 16 gauge solid wire to ground the Main Relay Control Panel enclosure to the earth ground. Grounding the two control panels on the same earth ground point is recommended to avoid any cross talk problem</p>
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See reverse side ➡



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DOOR STRIKE/GATE OPERATOR: 16-18 gauge 2-conductors stranded wire for each door. An isolation relay with separate power supply is recommended for maglock installation to eliminate magnetic spike.

HEATER PAD (AHP5) is mandatory if the outside temperature is below 32 °F. Use same power as the system 12VAC/12VDC. The system's power input voltage must be read 12.5-13.5VAC or 13.5-14VDC with the AHP5 is ON. If lower voltage is

encountered, you must run separate power for the AHP5.

All wires must be in separate jacket for each connection.
Do not use system's transformer to power another devices, unless specified by the manufacturer.
Each system must be powered using individual power transformer unless specified by the manufacturer.
Call Local Post Office for postal lock.

ORDER PART NUMBER

MAIN LOBBY CONTROL PANEL	MAIN RELAY CONTROL PANEL
SURFACE MOUNT	MAIN RELAY CABINET
7025NC 25 tenants and 25 access codes 7050NC 50 tenants and 50 access codes 7100NC 100 tenants and 100 access codes 7150NC 150 tenants and 150 access codes 7200NC 200 tenants and 200 access codes 7250NC 250 tenants and 250 access codes	MS79012 (12 tenants fully equipped relay cabinet). MS79024 (24tenants fully equipped relay cabinet). MS79036 (36 tenants fully equipped relay cabinet). MS79048 (48 tenants fully equipped relay cabinet). MS79060 (60 tenants fully equipped relay cabinet). MS79072 (72 tenants fully equipped relay cabinet). MS79084 (84 tenants fully equipped relay cabinet). MS79096 (96 tenants fully equipped relay cabinet). MS79108 (108 tenants fully equipped relay cabinet). MS79120 (120 tenants fully equipped relay cabinet).
FULL-FLUSH MOUNT	EXPANSION RELAY CABINET
7025NCFF 25 tenants and 25 access codes 7050NCFF 50 tenants and 50 access codes 7100NCFF 100 tenants and 100 access codes 7150NCFF 150 tenants and 150 access codes 7200NCFF 200 tenants and 200 access codes 7250NCFF 250 tenants and 250 access codes * Mounting Ring (FFM9) is included.	Expansion Relay Cabinet (MX79xxx) is needed if the system is above 120 tenants. The MX79xxx must be interfaced with the Main Relay Cabinet (MS79120). To Calculate the total number of tenant is MS79120 + MX79xxx+ MX79XXX+.....+ MX79ZZZ. where XXX is 012, 024, 036,....., 120 and ZZZ is 012, 024 or 036 The maximum number of tenant is 996. For example to configure 500 tenants no phone bill, you need MS79120 + MX 79120 + MX 79120 + MX79120 + MX79024= 504 Tenants.

OPTIONS AND ACCESSORIES

Radio Receiver and Transmitter

- ARFR** Radio Frequency Receiver
- ARFT** Radio Frequency Transmitter
- ARFHT** Radio Frequency Handheld Transmitter.

Pedestal Mounting Post, Adapter Plate and Mounting Ring

- APM1** Pedestal Mounting Post.
- APM2** Double arm mounting base plate for auto, pedestrian and semi-truck.
- APM3** Pedestal mounting post for semi-truck.



APM1

- APM4** Pedestal Mounting Post with 45° arm (protected environment only).
- APM5** Double arm side by side mounting base plate.
- APMDB1** Direct Burial Pedestal Mounting Post.
- APMDB2** Direct Burial Double arm mounting base plate for auto, pedestrian and semi-truck.
- APMDB3** Direct Burial Pedestal mounting post for semi-truck.
- APMDB4** Direct Burial Pedestal Mounting Post with 45° arm (protected environment only).

- APMDB5** Direct Burial Double arm side by side mounting base plate.



AVP9/AVP9C

Video Package

- AVP7** AeGIS Black and White Video Package.
- AVP7C** AeGIS Color Video Package.

Miscellaneous Accessories

- AP8** Adapter Plate for APM1, APM2, APM3, APM4 and APM5.



100DIR

- FFM8** Full-flush mounting ring, included with full-flush system.
- ASP1** AC and Telephone Surge Protector.
- AHP5** Heater Pad with Thermostat.
- 100DIR** Paper Directory.
- ABAT1** 12VDC 4.5 Ahr backup battery.
- ABHSE7** Battery Housing.
- ARIGB7** Rough-in box.

Pedestal Mounting Post, Adapter Plate and Mounting Ring

- AP7** Adapter Plate for APM1, APM2, APM3, APM4 and APM5.

Specifications subject to change without prior notice.