Honeywell | Area of Refuge

NFPA 72 Compliant Area of Refuge Command Units

NFPA 72 compliant analog Command Units accommodate 11 to 32 ADA-compliant Area of Refuge (AOR) Call Stations.

Model: HON-AOR-16-R

FEATURES AND BENEFITS

- AOR Command Units are fully compliant with NFPA 72 (2016) §24.10, IBC (2021) §1009.8, ICC A117.1 (2017) Ch. 7, and ADAAG (2010) Ch. 7

- Automatically and continuously supervises for integrity (opens, shorts, and system ground fault)—alerts by relay output to an addressable fire panel, LED, and sounder

- Accommodates up to 16, 24, or 32 ADA-compliant AOR Call Stations

- AOR Call Stations receive power from Command Unit—powered by 120VAC

- LEDs on Command Unit indicate calling station and line status

- On-site calling to constantly attended location requires no outside phone line

- Off-site calling requires one (1) analog phone line (PSTN line) or cellular gateway for each bank of eight (8) AOR Call Stations

- Solid LED indicates active call. Blinking LEDs indicate AOR Call Stations that are waiting to be answered. When first call is completed, second call is automatically placed and built-in local phone rings.

- Siren/strobe is activated when a call is received—when call has been answered, siren shuts off and strobe remains active for duration of the call

- Built-in UPS provides backup power in the event of primary power failure (4-hours non-active, 5-minutes active)

- Built-in local phone facilitates installation and programming

- Surface mounts—option available for flush mounting

Model: HON-AOR-24

Model: HON-AOR-32-R

Analog Area of Refuge Command Units Ordering Information

COMMAND UNITS

	Model Series	Station Count Support	Enclosure Color
	HON-AOR	**-16** *Supports up to 16-stations* **-24** *Supports up to 24-stations* **-32** *Supports up to 32-stations*	**[Leave Blank]** *Enclosure is finished in black* **-R** *Enclosure is finished in red*
Example #1	*HON-AOR*	*-16*	
Example #2	*HON-AOR*	*-32*	*-R*

MODEL NUMBER	DESCRIPTION
HON-AOR-16	Area of Refuge Command Unit with 16-station capacity. Use HON-AOR-TR16 (not included) to flush mount. Enclosure is painted black.
HON-AOR-16-R	Area of Refuge Command Unit with 16-station capacity. Use HON-AOR-TR16-R (not included) to flush mount. Enclosure is painted red.
HON-AOR-24	Area of Refuge Command Unit with 24-station capacity. Use HON-AOR-TR32 (not included) to flush mount. Enclosure is painted black.
HON-AOR-24-R	Area of Refuge Command Unit with 24-station capacity. Use HON-AOR-TR32-R (not included) to flush mount. Enclosure is painted red.
HON-AOR-32	Area of Refuge Command Unit with 32-station capacity. Use HON-AOR-TR32 (not included) to flush mount. Enclosure is painted black.
HON-AOR-32-R	Area of Refuge Command Unit with 32-station capacity. Use HON-AOR-TR32-R (not included) to flush mount. Enclosure is painted red.

FLUSH MOUNT TRIM RINGS

MODEL NUMBER	DESCRIPTION
HON-AOR-TR16	Flush mount trim ring for HON-AOR-16. Unit is painted black.
HON-AOR-TR16-R	Flush mount trim ring for HON-AOR-16-R. Unit is painted red.
HON-AOR-TR32	Flush mount trim ring for HON-AOR-24 or HON-AOR-32. Unit is painted black.
HON-AOR-TR32-R	Flush mount trim ring for HON-AOR-24-R or HON-AOR-32-R. Unit is painted red.

CELLULAR GATEWAYS

MODEL NUMBER	DESCRIPTION
HON-AOR-CGW-4G-GSM	AT&T 4G/LTE cellular gateway for analog AOR systems. Does not include MIMO antenna kit. Please order HON-AOR-CGW-ANT-6-KIT or HON-AOR-CGW-ANT-17-KIT.
HON-AOR-CGW-4G-V	Verizon 4G/LTE cellular gateway for analog AOR systems. Does not include MIMO antenna kit. Please order HON-AOR-CGW-ANT-6-KIT or HON-AOR-CGW-ANT-17-KIT.
HON-AOR-CGW-ANT-17-KIT	MIMO antenna with 17ft. cable assembly. For AOR cellular gateways (HON-AOR-CGW-4G-GSM or HON-AOR-CGW-4G-V). Includes U-bolts and 2-inch right-angle mounting bracket.
HON-AOR-CGW-ANT-6-KIT	MIMO antenna with 6ft. cable assembly. For AOR cellular gateways (HON-AOR-CGW-4G-GSM or HON-AOR-CGW-4G-V). Includes U-bolts and 2-inch right-angle mounting bracket.

Analog Area of Refuge Command Units Ordering Information
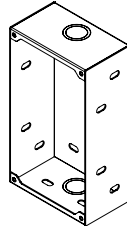
AOR CALL STATIONS

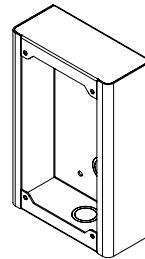| MODEL NUMBER	DESCRIPTION
HON-AOR-CSE-NM	Analog AOR Call Station with EMERGENCY signage. Does not include mount.

Model:
HON-AOR-CSE-NM

MOUNTS FOR AOR CALL STATIONS

MODEL NUMBER	DESCRIPTION
HON-AOR-CS-FM-1	Flush mount for AOR Call Stations
HON-AOR-CS-SM-1	Surface mount for AOR Call Stations

Model:
HON-AOR-CS-FM-1

Model:
HON-AOR-CS-SM-1

SIGNAGE

MODEL NUMBER	DESCRIPTION
AOR-SIGN-AD-EC-1	Acrylic, self-adhesive, "EMERGENCY COMMUNICATION" sign. Includes ADA symbol of accessibility, raised letters, and braille. White on blue. Measures 7.75 in. x 7.75 in.
AOR-SIGN-AD-EC-2	Photoluminescent plastic, self-adhesive, "EMERGENCY COMMUNICATION" sign. Includes ADA symbol of accessibility. Measures 7.75 in. x 7.75 in.
AOR-SIGN-ADG-AR-1	Photoluminescent plastic, self-adhesive, "AREA OF RESCUE" sign. Includes ADA symbol of accessibility. Measures 7.75 in. x 7.75 in.
ETP-SIGN	Polycarbonate, self-adhesive Area of Rescue sign
ETP-SIGN/R	Polycarbonate, self-adhesive Area of Refuge sign
ETP-SIGN-PFH	Polycarbonate, self-adhesive Push For Help sign
ETP-SIGN/L	Lighted Area of Rescue Sign
ETP-SIGN/LR	Lighted Area of Refuge Sign
ETP-SIGN/LD	Deluxe Lighted Area of Rescue Sign w/ battery backup
ETP-SIGN/LDR	Deluxe Lighted Area of Refuge Sign w/ battery backup

Model:
ETP-SIGN

Model:
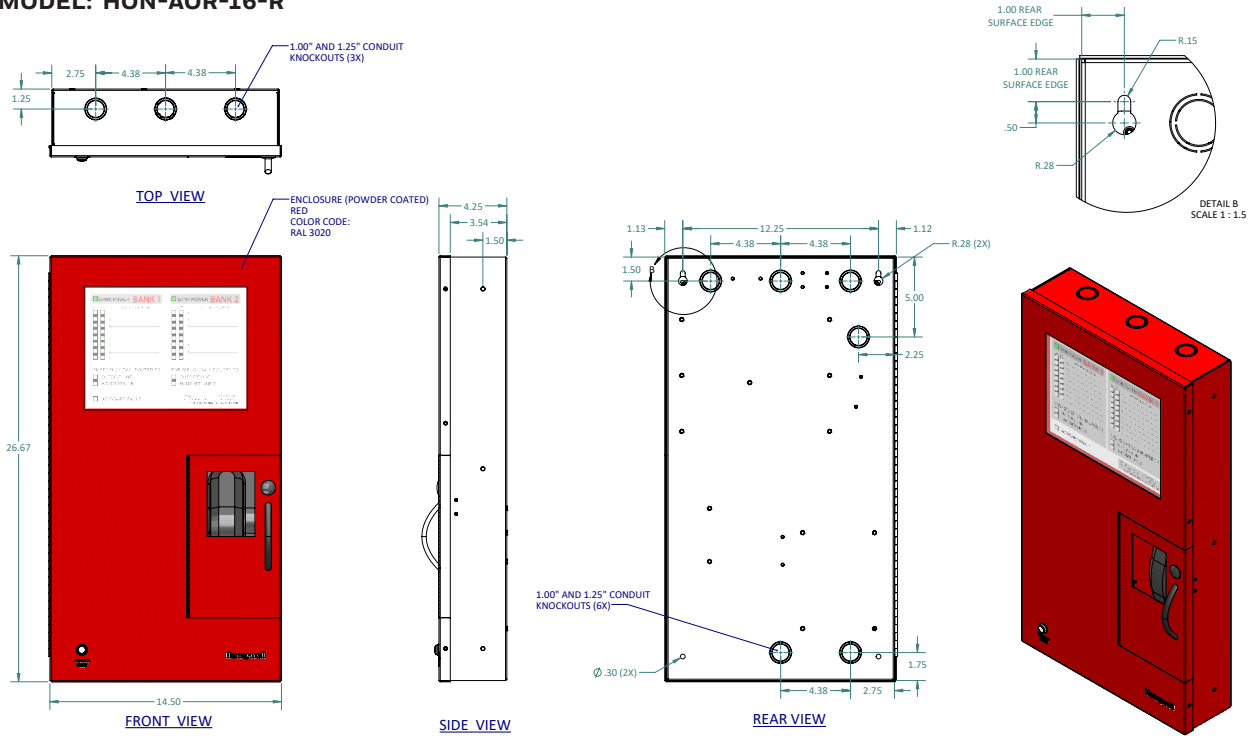*ETP-SIGN/R*

Model:
ETP-SIGN/L
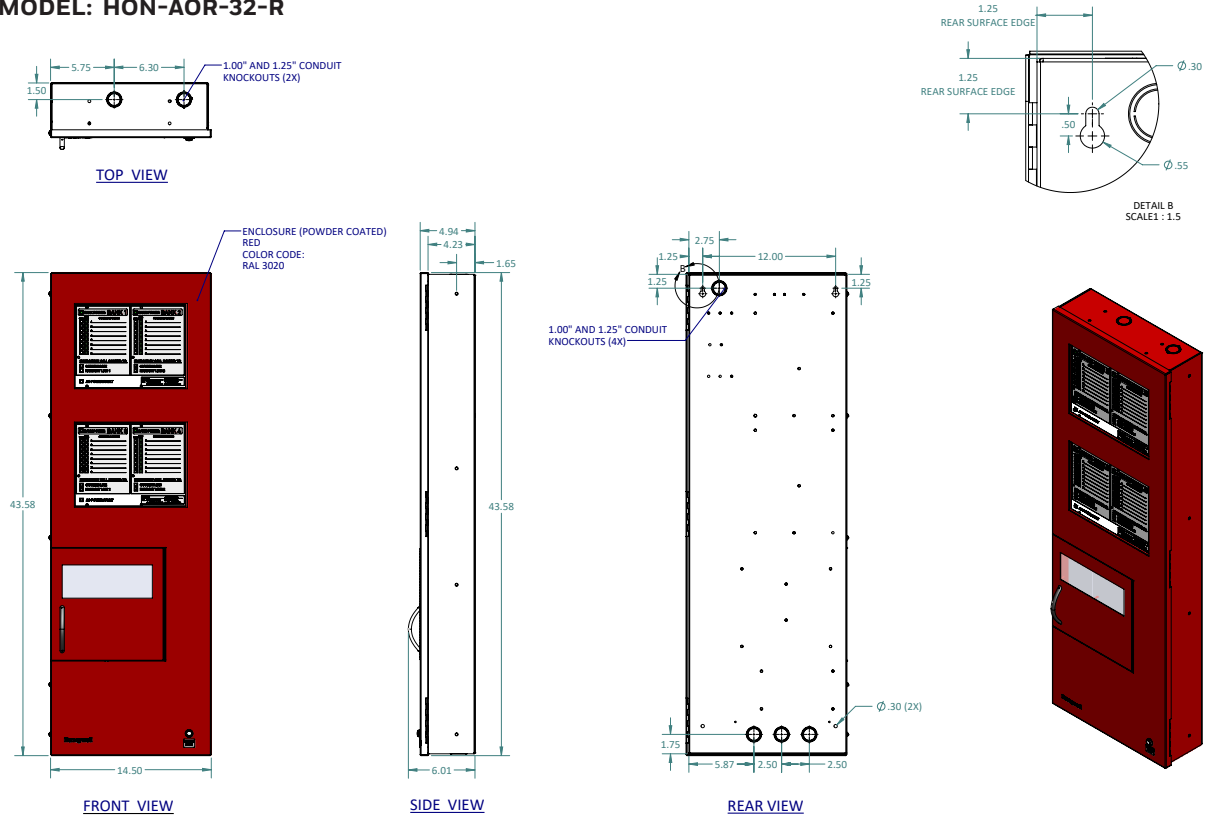
Model:
ETP-SIGN/LR

Model:
ETP-SIGN/LD

Model:
ETP-SIGN/LDR

Model:
ETP-SIGN-PFH

Analog Area of Refuge Command Units Dimensions

MODEL: HON-AOR-16-R

1.00" AND 1.25" CONDUIT KNOCKOUTS (3X)

2.75 4.38 4.38

1.25

TOP VIEW

ENCLOSURE (POWDER COATED) RED
COLOR CODE: RAL 3020

26.67

14.50

FRONT VIEW

4.25
3.54
1.50

SIDE VIEW

1.13 12.25 1.12
4.38 4.38
1.50 B R.28 (2X)
5.00
2.25

1.00" AND 1.25" CONDUIT KNOCKOUTS (6X)

Ø .30 (2X)
1.75
4.38 2.75

REAR VIEW

1.00 REAR SURFACE EDGE
R.15
1.00 REAR SURFACE EDGE
.50
R.28

DETAIL B
SCALE 1 : 1.5

MODEL: HON-AOR-32-R

5.75 6.30

1.00" AND 1.25" CONDUIT KNOCKOUTS (2X)

1.50

TOP VIEW

ENCLOSURE (POWDER COATED) RED
COLOR CODE: RAL 3020

43.58

14.50

FRONT VIEW

4.94
4.23
1.65

43.58

6.01

SIDE VIEW

2.75 12.00
1.25
1.25 B 1.25

1.00" AND 1.25" CONDUIT KNOCKOUTS (4X)

Ø .30 (2X)
1.75
5.87 2.50 2.50

REAR VIEW

1.25 REAR SURFACE EDGE
Ø .30
1.25 REAR SURFACE EDGE
.50
Ø .55

DETAIL B
SCALE1 : 1.5

IMPORTANT NOTE: All dimensions are in inches and are provided for reference only.

Analog Area of Refuge Command Units Technical Specifications

CONSTRUCTION
16 gauge painted steel enclosure, polycarbonate windows

MOUNTING
Surface mount or flush mount with optional trim ring. Siren/strobe mounts to standard 4-inch square box.

COMMUNICATION
Built-in local phone with 12-button keypad receives and selectively originates calls

POWER SOURCE
HON-AOR-16 Command Units: 120VAC, 50/60Hz, 2.5A (built-in battery backup, 4-hours non-active, 5-minutes active)
HON-AOR-24 and HON-AOR-32 Command Units: 120VAC, 50/60Hz, 240W (built-in battery backup, 4-hours non-active, 5-minutes active)
Call Stations: Line-powered by command unit

CONNECTIVITY
Off-site calling requires one (1) analog phone line (PSTN line) or cellular gateway for each bank of eight (8) AOR Call Stations

WIRING
One (1) twisted, shielded 18-24 AWG pair per AOR Call Station not to exceed 25 ohms resistance

ENVIRONMENT
For indoor use

SIREN/STROBE
Siren: Ranges from 90 to 100 dBA, has 8 alerting sounds
Strobe: Rated at 15 candela, flashes once per second

SUPERVISION OUTPUT
• Any AOR Call Station Activation
• AC Power Fail (Primary Power Loss)
• Low Battery Backup (Low Voltage Detected)
• Open/Short Fault on AOR Call Stations
• System Ground Fault

TROUBLE RESET
Push button provided to temporarily silence while faults are corrected or to re-test/reset fault indicators after faults have been resolved

APPROVALS
HON-AOR-16 Power Supply Approvals: EMI conducted and radiated EN61204-3 Class A, Safety EN60950, UL294 Access Control, UL 603 Burglar Systems, UL 1076 Proprietary Burglar, UL 1481 Fire Alarm Systems
HON-AOR-24 and HON-AOR-32 Power Supply Approvals: UL 294 (6th Edition) listed, UL 603 listed, UL 1481 listed, ULC-S318 listed

PHYSICAL
Dimensions (HON-AOR-16): 14.5 x 26.7 x 5.3 in.
Dimensions (HON-AOR-16 with Trim Ring): 16.3 x 28.6 x 5.3 in.
Weight (HON-AOR-16): 19 lbs. (8.6 kg)

Dimensions (HON-AOR-24 and HON-AOR-32): 14.5 x 43.6 x 6.0 in.
Dimensions (HON-AOR-24 and HON-AOR-32 with Trim Ring): 16.3 x 45.4 x 6.0 in.
Weight (HON-AOR-24 and HON-AOR-32): 59 lbs. (26.8 kg)

WARRANTY
5-year limited warranty

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