AUDIBLE VISIBLE ACCESSORIES

DESCRIPTION

The MP120K Mounting Plate is designed to use 120 VAC to power SpectrAlert Advance horns, strobes, horn strobes, chimes, and chime strobes.

Color Lens Attachments install easily on any indoor or outdoor SpectrAlert Advance strobe devices to provide distinctive visual signaling.

WTP Series Weatherproof Plates enable installers to flush mount outdoor horns, strobes, horn strobes, speakers, and speaker strobes to a variety of wall surfaces, including brick, ceramic tile, concrete, and masonry brick. These NEMA 3R-rated plates come in red and white to suit aesthetic and functional requirements. They may be used indoors or outdoors (with outdoor devices), as required by conditions. They easily attach to the SpectrAlert Advance universal mounting plate.

Trim Rings for speakers and speaker strobes allow for additional space within the backbox. Trim rings for horns, strobes, and horn strobes allow 4-wire devices to mount to a single-gang back box.

SpectrAlert Advance Outdoor Back Boxes ensure a NEMA 4X watertight listing for AV devices. In locations where you have a hard surface to mount to, Surface Mount Back boxes are the best solution. If you have an exposed junction box, the Back Box Skirts offer an attractive solution to mask the junction box exposure. Retrofit Plates cover paint outlines on the wall when replacing legacy SpectrAlert Advance products.

SpectrAlert Advance DECALS are for use on our non-pad printed wall- and ceiling-mount devices. Each decal comes with AGENT, EVAC, ALERT, or FIRE label options. The Sync•Circuit Module synchronizes SpectrAlert Advance strobes at 1 Hz and horns and chimes at temporal 3 over a single pair of wires. Patented module technology also allows the silencing of horns or chimes on horn strobe and chime strobe models over a pair of wires. See Datasheet A05-1007-005 for more information.

FEATURES

MP120K Mounting Plate
- Designed for both indoor and outdoor use
- Plug-in design eliminates ground faults
- Power supply that converts 120 VAC to nominal 24 V FWR
- Compatible with all two-wire SpectrAlert Advance® devices

Color Lens Attachments
- Easily turns any device into a strobe for ECS, severe weather, sprinkler activation and more
- Outdoor rated from −35°F to 151°F
- Wall- or ceiling-mount lenses available
- UL 1638 listed

WTP Weatherproof Plates
- Enables flush mounting of outdoor devices to brick, ceramic tile, concrete, and masonry brick
- Weatherproof per NEMA 3R
- For use in both indoor and outdoor applications
- For use with all K series (outdoor) products replacement -R models
- Universal mounting plate easily attaches to the weatherproof plate

SPECIFICATIONS

MP120K
120 VAC mounting plate model MP120K shall be listed to UL 464 for fire protective signaling systems. The mounting plate shall power a two-wire SpectrAlert® Advance horn, strobe, horn strobe, chime or chime strobe from a 120 VAC supply converted to nominal 24 V FWR. For indoor applications, the mounting plate shall be installed in a 4x4x21/8 -inch junction box. For outdoor applications, the mounting plate shall be installed using the proper SpectrAlert Advance outdoor weatherproof back box and outdoor listed notification appliance.

Compatibility
MP120K may be used with any of the following products at all horn and strobe settings: P2R, P2RH, P2RK, P2RHK, P2W, P2WH, SR, SRH, SRK, SRHK, SW, SWH, PC2R, PC2RH, PC2RK, PC2RHK, PC2W, PC2WH, SCR, SCRH, SCRK, SCRHK, SCW, SCWH, HR, HRK, HW, SR-P, SW-P, SRH-P, SWH-P, P2R-P, P2W-P, P2RH-P, P2WH-P, SCR-P, SCW-P, SCRH-P, SCWH-P, PC2R-P, PC2W-P, PC2RH-P, PC2WH-P, SR-SP, SRH-SP, P2R-SP, P2RH-SP, SCW-SP, SCWH-SP, PC2W-SP, PC2WH-SP, CHR, CHW, CHSR, CHSW.

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Physical/Operating Specifications
Standard Operating Temperature: −40°F to 151°F (−40°C to 66°C)
Humidity Range: 10 to 93% non-condensing (indoor products)
Nominal Voltage: Regulated 120 VAC
Operating Voltage Range: 96–132 VAC
Current Draw From AC Line: 150 mA max.

WTP Weatherproof Plates
The SpectrAlert Advance weatherproof plate for horns, strobes, and horn strobes shall mount to 4x4x11/4-inch and 2x4x11/2-inch back boxes. The weatherproof plate for speakers and speaker strobes shall mount to 4x4x21/8-inch back boxes. The weatherproof plate may be installed on brick, concrete, ceramic tile, and masonry brick and must be used with System Sensor "K" series outdoor replacement models (-R). Outdoor SpectrAlert Advance products shall operate between -40°F and 151°F.

Physical Specifications
Speaker Strobe: 7.25" L x 6.26" W x 3.00" D (including speaker and lens)
Speaker: 7.25" L x 6.26" W x 1.30" D (including speaker)
Horn Strobe: 6.90" L x 5.90" W x 2.80" D (including strobe lens)
Horn: 6.90" L x 5.90" W x 1.60" D (including horn)

Note: WTP and WTPW are compatible with 4x4x11/4-inch and 2x4x11/2-inch back boxes. (Compatible with outdoor horns, horn strobes and strobes)
WTP-SP and WTP-SPW are compatible with 4x4x21/8-inch back boxes. (Compatible with outdoor speakers and speaker strobes)

Models Available for Use with the Watertight Plates:
WTP/WTPW: HRK-R
WTP/WTPW: SRK-R, SRHK-R, SWK-R, SWHK-R
WTP/WTPW: P2RK-R, P2RHK-R, P4RK-R, P2WK-R, P2WHK-R
WTP-SP: SPRK-R, SPWK-R
WTP-SPW: SPSRK-R

Note: -R models ship without the outdoor back box. The weatherproof mounting plates are designed to be used only with -R replacement models.

Color Lens Attachments
The System Sensor SpectrAlert Advance color lens attachments shall be approved for fire protective service as listed in UL 1638. The lens attachments shall only be used with non-FIRE-printed System Sensor strobe devices. The lens shall mount to any wall- or ceiling-mount strobes and shall be rated from −35°F to 151°F.

Compatibility
Color lens attachments may be used with the following System Sensor plain (non-FIRE-printed) indoor or outdoor strobe models: SR-P, SRH-P, SW-P, SWH-P, P2R-P, P2W-P, P2WH-P, P2RK-P, P2RHK-P, SCW-P, PC2R-P, PC2W-P, PC2WH-P, SPSW-P, SPSR-P, SPSWH-P, SPSRH-P, SPSWV-P, SPSRV-P, SPSCW-P, SPSCWH-P, SPSCWV-P, SPSCWVH-P, SRK-P, SRHK-P, SWK-P, SWHK-P, P2WK-P, P2WHK-P, SPSWK-P, SPSRK-P, SW-CLR-ALERT, SCW-CLR-ALERT, SPSCW-CLRALERT.

CANDELA RATING FOR UL 16385

Light output of color lenses is measured per UL 1638, on axis, and is not derated.

Strobe Output (cd)	
Candela Switch Setting	**On-Axis Candela Rating (UL1638) – All Colors**
15	15
15/75*	NA
30	30
75	75
95	95
110	110
115	115
135	135
150	150
177	177
185	185

*15/75 Candela setting not to be used with color lenses

ORDERING INFORMATION

Fike P/N	Mfg. Model	Description
Metal Weatherproof Backboxes		
20-1417	MWBBW	white, wall-mount, compatible with: SPWK-R, SPWK, SPSWK-R, SPSWK-P, SPSWK
20-1418	MWBB	red, wall-mount, compatible with: SPRK-R, SPRK
20-1419	MWBBCW	white, ceiling-mount, compatible with: SPCWK, SPSCWK,SPCWK-R, SPSCWK, SPSCWK-R, SPSCWHK, SPSCWHK-R
20-1975	SA-WBBW	white, wall-mount, compatible with: P2WK, P2WHK, P2WHK-P, P2WK-P, SWK, SWK-P,P2WHK-R, P2WK-R, SWHK-R
20-1976	SA-WBB	red, wall-mount, compatible with: P2RK, P2RK-P, P2RK-R, SRK, SRK-P, SRK-R P2RHK, P4RK, P4RHK, SRHK, HRK, P2RHK-R, P2RK-R, HRK-R, P4RHK-R, P4RK-R, SRHK-R
	SA-WBBCW	white, ceiling-mount, compatible with: PC2WK, SCWK
20-1977	SA-WBBW	white, wall-mount, compatible with: P2WK, P2WHK, P2WHK-P, P2WK-P, SWK, SWK-P,P2WHK-R, P2WK-R, SWHK-R
Surface Mount Back Box		
20-1978	SBBR	red, wall-mount, compatible with: HR, CHR, SR, SR-SP, SRH, P2R, P2R-SP, P2RH, P4R, P4RH, CHSR, P2R-P, SR-P, SRH-P
20-1979	SBBW	white, wall-mount, compatible with:HW, CHW, SW, SWH, P2W, P2WH, P4W, P4W-P, CHSW, P2W-P, P2WH-P, SW-P, SWH-P, SW-ALERT, SWH-ALERT
20-1980	SBBSPR	red, wall-mount, compatible with: SPR, SPRV, SPSR, SPSRH, SPSRV, SPSR-P, SPSRH-P, SPSRV-P
20-1981	SBBSPW	white, wall-mount, compatible with: SPW, SPWV, SPSW, SPSWH, SPSWV, SPSW-P, SPSWH-P, SPSWV-P, SPSW-ALERT, SPSW-CLR-ALERT
20-1982	SBBCR	red, ceiling-mount compatible with: SCR, SCRH, PC2R, PC2RH, PC4R, PC4RH, SPCR, SPCRV, SPSCR, SPSCRH, SPSCRV, SPSCRVH, PC2R-P
20-1983	SBBCW	white, ceiling-mount, compatible with: SCW, SCWH, PC2W, PC2W-SP, PC2WH, PC4W, SPCW, SPCWV, SPSCW, SPSCWH, SPSCWV, SPSCWVH, PC2W-P, PC2WH-P, SCW-P, SPSCW-P, SPSCWH-P, SPSCWHK-P, SPSCWV-P, SPSCWVH-P, SPSCW-CLR-ALERT, SCW-CLR-ALERT
Back Box Skirts		
20-1339	BBS-2	red, wall-mount, compatible with: P2R, SR, HR, CHSR, CHR, P2RH, P4R, P4RH, SRH, P2R-P, P2RH-P, P4R-P, P4RH-P, SR-P, SRH-P, SR-SP, SRH-SP, P2R-SP, P2RH-SP
20-130-131	BBS-SP201W	Surface-mount back-box skirt for the PF24V (ExitPoint™ Directional Sounder with Voice Messaging)
20-1459	SPBBS	red, wall-mount, compatible with: SPR, SPSR, SPRV,SPSR-P,SPSRH,SPSRH-P
Colored Lenses		
20-1814	LENS-B	Wall-mount, blue
20-1819	LENS-R	Wall-mount, red
20-1820	LENS-G	Wall-mount, green
20-1821	LENS-A	Wall-mount, amber
20-1822	LENS-BC	Ceiling-mount, blue
20-1823	LENS-RC	Ceiling-mount, red
20-1824	LENS-GC	Ceiling-mount, green
20-1816	LENS-AC	Ceiling-mount, amber
Decals (*all decals include labels: "AGENT, EVAC, ALERT & FIRE"		
20-1826	DECAL-R	red, used for non-pad-printed wall-mount devices. (10 total decals per box for 5 devices)*
20-1827	DECAL-RC	red, used for non-pad-printed ceiling-mount devices. (15 total decals per box for 5 devices)*
20-1828	DECAL-W	white, used for non-pad-printed wall-mount devices. (10 total decals per box) for 5 devices*
20-1829	DECAL-WC	white, used for non-pad-printed ceiling-mount devices. (15 total decals per box for 5 devices)*
Retrofit Plates (For use with horn strobe & speaker strobe devices)		
20-1454	RFPW	9.5" x 7" white
20-1455	RFP	9.5" x 7" red
Mounting Plates		
20-1845	MP120K	120 VAC Adapter Mounting Plate

Fike P/N	Mfg. Model	Description
Sync Modules		
20-1490	MDL3W	white, 12/24 volt Sync-Circuit module.
20-1489	MDL3R	red 12/24 volt Sync-Circuit module
Trim Rings		
20-1461	TR	red, wall-mount for use with speaker devices
20-1463	TRC	red, ceiling-mount for use with speaker devices
20-1984	TRC-HS	red, ceiling-mount for use with horn strobe devices
20-1462	TRCW	white, ceiling-mount for use with speaker devices
20-1985	TRCW-HS	red, ceiling-mount for use with horn strobe devices
20-1986	TR-HS	red, wall-mount for use with horn strobes devices
20-1460	TRW	white, wall-mount for use with speaker devices
20-1987	TRW-HS	white, wall-mount for use with horn strobe devices
Watertight Plates		
20-1988	WTPW	white, for use with horn, strobes & horn strobe devices
20-1869	WTP	red, for use with horn, strobes & horn strobe devices
20-1989	WTP-SPW	white, for use with speaker devices
20-2024	WTP-SP	red, for use with speaker devices