

PowerTone[®] Amplified Speaker (w/ Sync / Non-Sync Strobes) Model ASLP

DESCRIPTION

Commercial Products Group Model ASLP PowerTone amplified speakers produce a crisp, clear tone. The tone may be generated by a compact, solid-state, plug-in tone card or by interfacing with the PowerTone[®] Signaling System. Inside the durable, flame retardant thermoplastic housing, a short, folded reentrant housing design is interposed between the speaker and surrounding air space for greater efficiency and frequency response. The 4 1/2" square housing is NEMA 3R rated and is available in red or white. Model ASLP amplified speakers operate at 24VDC and are polarized for connection to system supervised alarm notification circuits. CPG Model V1971 synchronized strobe lights are available as an option when visual signaling is required. Strobes can be synchronized using Model VSYNC sync module. The speaker and strobe are listed for outdoor use.

APPLICATION

Model ASLP PowerTone amplified speakers are well suited for signaling in areas where ambient noise levels are not exceedingly high and where a unique audible signal is required. When used in conjunction with the PowerTone Signaling System and the PTCK25 connector card, the speaker can produce multiple tones for various signal requirements. For single tone applications, the PowerTone Signaling System or individual tone cards may be used. The speaker may also be used with any compatible 25 or 70Vrms audio system by using the PTCK25 or PTCK70 connector card. The compact design and wide range of mounting configurations permit the speakers to fit most applications. The units can be indoor or outdoor mounted.

The Model ASLP amplified speaker carries the following listings/approvals:

<u>Agency</u>	<u>Reference Number</u>
Underwriter's Laboratories	S6476/E190742
California State Fire Marshal	7135-1517:101
New York City (BSA/MEA)	11-92-E

STANDARD FEATURES

- 24VDC polarized operation.
- UL sound pressure level 82dB(A) at 10 feet. (see chart)
- Flame retardant, thermoplastic housing.
- Multiple tone capability (w/ PowerTone System & PTCK).
- Wide selection of tone cards (single tone applications).
- Voice capable with PTCK audio interface card.
- Folded, reentrant, vandal resistant, housing design.
- NEMA 3R rated.
- Internal gain control.
- Indoor or outdoor mounting.



MODEL ASLP
Amplified Speaker & Amplified Speaker/Strobe

OPTIONAL FEATURES

- V1971 sync/non-sync strobe lights available in 15/75, 30/75, 75, and 110 candela models. ADA compliant.
- Independent or simultaneous strobe operation.
- Surface, semi-flush, flush & outdoor mounting hardware.

SPECIFICATIONS

Alarm notification appliances shall be amplified speakers. The speakers shall operate at 24VDC and be polarized for DC supervision. The amplified speaker circuitry shall be housed in a durable, NEMA 3R rated, flame retardant, vandal resistant, red or white thermoplastic housing. The housing shall incorporate a short, folded reentrant housing design for greater efficiency and frequency response. The amplified speakers shall be capable of clearly reproducing any of a number of CPG tones. The tones shall be selectable by connection to a PowerTone Signaling System using a PTCK25 connector card (for single or multiple tones) or a plug-in tone card (for single tone). The amplified speakers shall be compatible with any 25 or 70Vrms audio system using the PTCK25 or PTCK70 connector card. The amplified speakers shall have an internal gain control for tone output adjustment. The amplified speakers shall be capable of surface, semi-flush, flush or outdoor mounting when used with the appropriate mounting accessories. The speakers shall be UL Listed for fire alarm signaling use. Alarm notification appliances shall be Commercial Products Group Model ASLP amplified speakers.

(OPTIONAL) The strobe lights shall be mounted to the front surface of the amplified speakers. The strobe lights shall use a xenon flashtube with solid state circuitry. The strobe lights shall comply with the UL 1971 Standard for Signaling Devices for the Hearing Impaired and ADA. The strobe lights shall be UL Rated for a light intensity output of 15/75, 30/75, 75, or 110 candela with a 1Hz flash rate. The strobe lights shall be synchronized when used with VSYNC synchronization module. The strobe lights shall have red FIRE lettering and be listed for outdoor use. The strobe lights may be operated independently or simultaneously with the audible. Audible/strobes shall be CPG Model ASLP with Model V1971 strobe lights.



MEA
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life safety signals
FL-ASLP-SY

ORDERING INFORMATION

Part Number	Description	Part Number	Description
ASLP-24RHR	Amplified Speaker, 24VDC, Red	Tone Cards - one required for each Amplified Speaker	
ASLP-24RHW	Amplified Speaker, 24VDC, White UL 1971 Amplified Speaker/Strobes	TC-WL	Tone Card - Wail
ASLPD24RHR	Amp. Spkr/Strobe, 24VDC, 15/75Cd Sync, Red ¹	TC-YP	Tone Card - Yelp
ASLPD24RHW	Amp. Spkr/Strobe, 24VDC, 15/75Cd Sync, White ¹	TC-HL	Tone Card - Hi-Lo
ASLPJ24RHR	Amp. Spkr/Strobe, 24VDC, 30/75Cd Sync, Red ¹	TC-BL	Tone Card - Bell
ASLPJ24RHW	Amp. Spkr/Strobe, 24VDC, 30/75Cd Sync, White ¹	TC-YW	Tone Card - Yeow
ASLPM24RHR	Amp. Spkr/Strobe, 24VDC, 75Cd Sync, Red ¹	TC-HN	Tone Card - Horn
ASLPM24RHW	Amp. Spkr/Strobe, 24VDC, 75Cd Sync, White ¹	TC-BP	Tone Card - Beep
ASLPW24RHR	Amp. Spkr/Strobe, 24VDC, 110Cd Sync, Red ¹	TC-ST	Tone Card - Stutter
ASLPW24RHW	Amp. Spkr/Strobe, 24VDC, 110Cd Sync, White ¹	PTCK25	25Vrms Audio Connector Card
VSYNC-M	Master Sync Module, 2 Class "B" Ckt, 1 Class "A", 3A	PTCK70	70Vrms Audio Connector Card
450EWPKIT	Trim Ring Adapter & Gasket for outdoor mounting		

Note: 1. For weatherproof strobe model add "-WP" to the above noted part numbers. Use with WPBR-D box.

Model ASLP Amplified Speaker Specifications

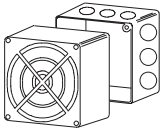
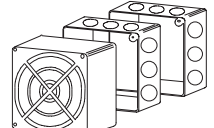
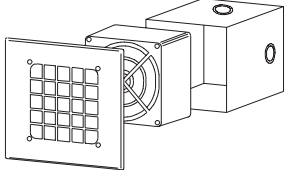
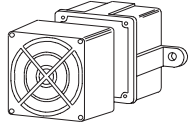
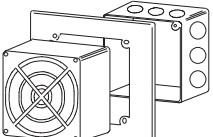
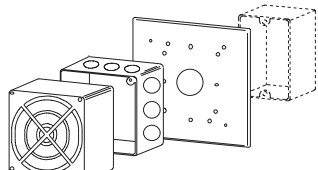
Model	Nominal Input Voltage	Current @ Nominal Input Voltage	Wattage Draw @ 25Vrms	Standby Current	UL dB(A) Sound Pressure	dB(A) Sound Power	Dimensions	Strobe Flash Rate	Strobe UL Rated Candela
ASLP-	24VDC	0.070A	.015W ¹	.025A ²	82 ³	103.8 ³	4 1/2"H x 4 1/2"W x 3 7/16"D ⁴	n/a	n/a
ASLPD	24VDC	0.142A	.015W ¹	.025A ²	82 ³	103.8 ³	4 1/2"H x 4 1/2"W x 5"D ⁴	1Hz	15/75
ASLPJ	24VDC	0.160A	.015W ¹	.025A ²	82 ³	103.8 ³	4 1/2"H x 4 1/2"W x 5"D ⁴	1Hz	30/75
ASLPM	24VDC	0.230A	.015W ¹	.025A ²	82 ³	103.8 ³	4 1/2"H x 4 1/2"W x 5"D ⁴	1Hz	75
ASLPW	24VDC	0.263A	.015W ¹	.025A ²	82 ³	103.8 ³	4 1/2"H x 4 1/2"W x 5"D ⁴	1Hz	110

NOTES:

1. When used with PTCK25 connector card and PowerTone System or other 25Vrms audio system. 24VDC input voltage required.
2. Current draw when used with PTCK audio connector card in a standby condition (no tone generated).
3. Based on tone selected. See chart below for dB(A) output of Model ASLP with specific Tone Card.
4. Housing alone is 2 1/8" deep.

Tone Card	UL dB(A) Sound Pressure	dB(A) Sound Power	Tone Card	UL dB(A) Sound Pressure	dB(A) Sound Power
TC-WL	82	103.7	TC-BP	75	95.3
TC-YP	82	103.8	TC-ST	75	96.3
TC-HL	79	101.3	PTCK25	78	92.6
TC-BL	79	102.6	PTCK70	78	92.6
TC-YW	82	103.6			
TC-HN	79	99.5			

MOUNTING OPTIONS

<p style="text-align: center;">SURFACE MOUNTING (NBLR Box ordered separately)</p> 	<p style="text-align: center;">SURFACE MOUNTING (NBR Box & Extension Ring ordered separately)</p> 	<p style="text-align: center;">FLUSH MOUNTING (FBL Box & FGR Grill ordered separately)</p> 	<p style="text-align: center;">OUTDOOR MOUNTING (WPBR-D Box ordered separately)</p> 
<p style="text-align: center;">SEMI-FLUSH MOUNTING (NBLR Box & TPR Grill ordered separately)</p> 	<p style="text-align: center;">SURFACE MOUNTED (Concealed Conduit) (NBLR Box & CCR Adapter Plate ordered separately. Single Gang Box not supplied)</p> 	<p style="text-align: center;">FLUSH MOUNTING w/ STROBE LIGHT (Strobe, FBL Box & TPR Plate ordered separately)</p> 