



**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING & INVESTIGATIONS DIVISION
BUILDING MATERIALS LISTING PROGRAM**

LISTING SERVICE

LISTING No.:	7135-2279:0513
CATEGORY:	7135 - AUDIBLE DEVICES
LISTEE:	European Safety Systems LTD Units 18 & 20, Impress House, Mansell Road, Acton, London, , W3 7QH, GB Contact: King, Alan Email: alan.king@e2s.com
DESIGN:	<p>Models A100DC, A105NDC, A112NDC, A121DC, and D105DC Audible Signal Appliances.</p> <p>Models AL100HDC, AL105NHDC, AL112NHDC, AL121HDC, AL100XDC024, AL105NXDC024, AL112NXDC024, and AL121XDC024 Audible Visual Signal Appliances</p> <p>Models A100AC, A105NAC, A112NAC, A121AC, and D105AC Audible Signal Appliances for General Signaling Use.</p> <p>Models AL100XDC, AL105NXDC, AL112NXDC, AL121XDC, DL105XDC, DL105HDC, AL100XAC, AL100HAC, AL105NXAC, AL105NHAC, AL112NXAC, AL112NHAC, AL121XAC, AL121HAC, DL105XAC, and DL105HAC Audible Visual Signal Appliances for General Signaling Use.</p> <p>The audible signal appliances are a self-contained tone generator, amplifier with a transducer that, when supplied with power produces an audible tone. The audible visual signal appliances are a combination of audible signal appliances and this manufacturer's Models L101X strobe light or Models L101HDC and L101HAC LED beacons (CSFM Listing No. 7300-2279:0510). Suitable for indoor and outdoor use.</p> <p>Refer to listee's data sheet for additional detailed product description and operational considerations.</p>



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RATING:	<p>Models A100DC, A105NDC, and D105DC: 10-60 VDC</p> <p>Models A100AC, A105NAC, and D105AC: 24-260 VAC</p> <p>Models AL100XDC, AL105NXDC, DL105XDC, AL112NXDC, and AL121XDC: 11.5-14 VDC, 20-28 VDC, 42-52 VDC</p> <p>Models AL100XAC, AL105NXAC, and DL105XAC: 24-28 VAC, 42-52 VAC, 103.5-126.5 VAC, 207-253 VAC</p> <p>Models AL100HDC, AL105NHDC, and DL105HDC: 10-14 VDC, 16-33 VDC Regulated, 48-60 VDC</p> <p>Models AL100HAC, AL105NHAC, and DL105HAC: 48-260 VAC</p> <p>Models A112NDC and A121DC: 11.5-54 VDC</p> <p>Models A112NAC, AL112NHAC, A121AC, and AL121HAC: 100-240 VAC</p> <p>Models AL112NXAC and AL121XAC: 103.5-126.5 VAC, 207-240 VAC</p> <p>Models AL112NHDC and AL121HDC: 11.5-14 VDC, 16-33 VDC Regulated, 48-54 VDC</p>
INSTALLATION:	<p>In accordance with listee's printed installation instructions, NFPA 72, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.</p>



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MARKING:	Listee's name, model number, electrical rating, and UL label.
APPROVAL:	Listed as audible and audible visual signal appliances for use with separately listed compatible fire alarm control units. Not approved for use as visual signaling devices for the hearing impaired. Refer to listee's Installation Instruction Manual for details.
NOTES:	Approval Date: 3-7-22

3-7-22 VWW



This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: 04/27/2022

Listing Expires: 06/30/2023

Authorized By: **Victor Wong**, Program Coordinator
Fire Engineering & Investigations Division