

Audio Evacuation Amplifiers

ANS Series

The Edwards ANS Series of products are audio notification systems that provide voice evacuation capability that meet the Emergency Voice Alarm requirements of NFPA 72 for UL listed fire alarm applications. ANS panels include an amplifier, tone generator, digital message repeater (DMR), and supervisory interface.

The ANS Series products are self-contained systems with field-configurable features. A range of accessory equipment provides application for new and retrofit installations.

ANS systems are designed for use with Edwards E-FSC and E-FSA fire alarm control panels when emergency voice alarm service is required. All ANS systems are compatible with Edwards Genesis® line of field-configurable speakers and speaker-strobes.

Features and Specifications

- Meets NFPA 72 Emergency Voice Alarm requirements
- Dead-front construction
- Integrated digital message repeater
- Four-minute message capacity
- 25, 50, or 100 Watt models
- Field selectable for either 25 or 70 Vrms speakers
- 120V AC power supply and battery charger included
- Paging microphone overrides message and tone
- Built-in alarm and alert signals
- Compatible with E-FSC and E-FSA control panels
- 24 hour backup with two 12V, 7 AH batteries
- Operating temperature range: 32°F to 120°F (0°C to 49°C)



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Speaker Voltage	Output Power	Frequency Response	Color
Amplifier - includes cabinet, door, amplifier, microphone and digital message repeater	ANS25MDG	120V AC	25 or 70V RMS	25 W	800 - 2800 Hz	Gray
	ANS25MDR	120V AC	25 or 70V RMS	25 W	800 - 2800 Hz	Red
	ANS50MDG	120V AC	25 or 70V RMS	50 W	400 - 4000 Hz	Gray
	ANS50MDR	120V AC	25 or 70V RMS	50 W	400 - 4000 Hz	Red
	ANS100MDG	120V AC	25 or 70V RMS	100 W	400 - 4000 Hz	Gray
	ANS100MDR	120V AC	25 or 70V RMS	100 W	400 - 4000 Hz	Red

¹AC voltage frequency is 60 Hz.

Accessories

Description	Cat. No.	Color
Audio Expander Panels²:		
25 Watt	ANS25XG	Gray
25 Watt	ANS25XR	Red
50 Watt	ANS50XG	Gray
50 Watt	ANS50XR	Red
100 Watt	ANS100XG	Gray
100 Watt	ANS100XR	Red

²Includes cabinet, door and amplifier.



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Accessories		(Continued)
Description	Cat. No.	Color
Zone Splitters:		
4 Class B circuits with zone selection switches and All-Call switch	ANSZS4B	
2 Class A circuits with zone selection switches and All-Call switch	ANSZS2A	
Class A Converter	ANSZSC4A	
Zone Adapter, 1 circuit to 2 circuits	ANSZC2B	
Remote Microphones:		
Requires ANSREMSUP card in ANS panel; supervised	ANSREMG	Gray
Requires ANSREMSUP card in ANS panel; supervised	ANSREMR	Red
Supervisory card, one per system. Supervises up to 5 remote microphones	ANSREMSUP	
Relay card for supervision/zone splitter to remote microphone	ANSZSR	
Microphone	ANSMIKE	
Backup amplifier switching module	ANSBKUP	
Audio Matching - line input/output card	ANSAUX	
Eight-input remote serial interface module. Message recording included.	ANSRSI8	
Modules & Transformers:		
25 Watt expander module	ANS25A	
25 Watt expander module with microphone	ANS25AM	
25 Watt audio notification module with DMR and microphone	ANS25AMD	
50 Watt expander module	ANS50A	
50 Watt expander module with microphone	ANS50AM	
50 Watt audio notification module with DMR and microphone	ANS50AMD	
100 Watt expander module	ANS100A	
100 Watt expander module with microphone	ANS100AM	
100 Watt audio notification module with DMR and microphone	ANS100AMD	
Power transformer, open frame, 28V AC @ 100 VA. (ANS25)	ANST2885	
Power transformer, open frame, 28V AC @ 180 VA. (ANS50/ANS100)	ANST28180	
Custom Messages:		
Alternate prerecorded DMR message PROM from library	ANSMDRALT	
Custom recorded message PROM	ANSDMRCUSTOM	



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Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Rough-In Dimensions			Finished Door Dimensions	
		Width (in.)	Height (in.)	Depth (in.)	Width (in.)	Height (in.)
ANS25MDG	29	14.5	18	4	16.25	19.5
ANS25MDR	29	14.5	18	4	16.25	19.5
ANS50MDG	32	14.5	18	4	16.25	19.5
ANS50MDR	32	14.5	18	4	16.25	19.5
ANS100MDG	32	14.5	18	4	16.25	19.5
ANS100MDR	32	14.5	18	4	16.25	19.5
ANS25XG	29	14.5	18	4	16.25	19.5
ANS25XR	29	14.5	18	4	16.25	19.5
ANS50XG	32	14.5	18	4	16.25	19.5
ANS50XR	32	14.5	18	4	16.25	19.5
ANS100XG	32	14.5	18	4	16.25	19.5
ANS100XR	32	14.5	18	4	16.25	19.5
ANSZS4B	1	—	—	—	—	—
ANSZS2A	1	—	—	—	—	—
ANSZSC4A	1	—	—	—	—	—
ANSZC2B	1	—	—	—	—	—
ANSREMG	8	8	10	2.75	9.75	11.25
ANSREMR	8	8	10	2.75	9.75	11.25
ANSREMSUP	1	—	—	—	—	—
ANSZSR	1	—	—	—	—	—
ANSMIKE	1	—	—	—	—	—
ANSBKUP	1	—	—	—	—	—
ANSAUX	1	—	—	—	—	—
ANSRSI8	1	—	—	—	—	—
ANS25A	5	—	—	—	—	—
ANS25AM	5	—	—	—	—	—
ANS25AMD	5	—	—	—	—	—
ANS50A	5	—	—	—	—	—
ANS50AM	5	—	—	—	—	—
ANS50AMD	5	—	—	—	—	—
ANS100A	5	—	—	—	—	—
ANS100AM	5	—	—	—	—	—
ANS100AMD	5	—	—	—	—	—
ANST2885	4	—	—	—	—	—
ANST28180	5	—	—	—	—	—
ANSMDRALT	—	—	—	—	—	—
ANSDMRCUSTOM	—	—	—	—	—	—