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: 32ºF to 120ºF (0ºC to 49ºC)

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

[1]AC voltage frequency is 60 Hz.

Accessories

Description	Cat. No.	Color
Audio Expander Panels[2]:		
25 Watt	ANS25XG	Gray
25 Watt	ANS25XR	Red
50 Watt	ANS50XG	Gray
50 Watt	ANS50XR	Red
100 Watt	ANS100XG	Gray
100 Watt	ANS100XR	Red

[2]Includes 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	—	—	—	—	—	—