

## FIRE DETECTION AS7240.24 SPEAKER

### FEATURES

- Clear and intelligible audio performance.
- Stylish and unobtrusive design with metal grill.
- Simple power settings.
- Compact and high strength fire resistant ABS plastic.
- Flush-mounting system for fast and easy installation.
- Environmentally friendly.
- Complying with AS7240.24 & EN54-24 TYPE-A.
- IP21C rated.
- Shallow depth of 76.5 mm.
- Light weight at 660 grams.
- Easy Knockouts for quick cable entry.



RECESS MOUNT



SURFACE MOUNT

### DESCRIPTION

Full range 4" ceiling loudspeaker, which features five power taps at 100V line for 6W, 3W, 1.5W, 0.75W and 0.375W outputs. An optional surface mount box is available for solid ceiling or wall installation.

### SPECIFICATION

<b>Max Power</b>	9 W
<b>Rated Power</b>	6 W
<b>Power Tapping</b>	6, 3, 1.5, 0.75, 0.375 (W)
<b>Sound Pressure Level at 1 W/4 m, (100 Hz~10 kHz)</b>	79 dB
<b>SPL (1W/1m, 100 Hz~10 kHz)</b>	91 dB
<b>SPL (6W/4m, 100 Hz~10 kHz)</b>	86 dB
<b>Frequency Response (-10 dB)</b>	200 Hz~15 kHz (speaker)
<b>Frequency Response (-10 dB)</b>	200 Hz~15 kHz (surface mount speaker)
<b>Rated Input Voltage</b>	100 V
<b>Rated Impedance</b>	1.7, 3.3, 6.7, 13.3, 26.7 kΩ
<b>Connection</b>	Unique terminal housing

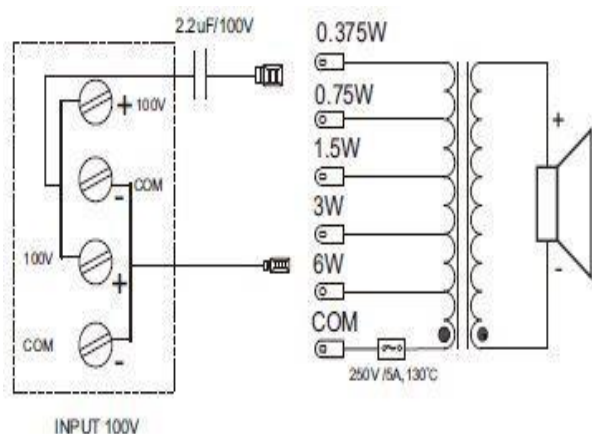
## MECHANICAL

<b>Dimensions</b>	φ 160x76.5 mm
<b>Hole Cut-Out Size</b>	φ 140 mm
<b>Weight</b>	0.66 g
<b>Speaker Size</b>	4 inch
<b>Colour</b>	White RAL 9003 / Black RAL 9004
<b>Grill</b>	Powder coated steel
<b>Surface Mount Box</b>	φ 280x75 mm

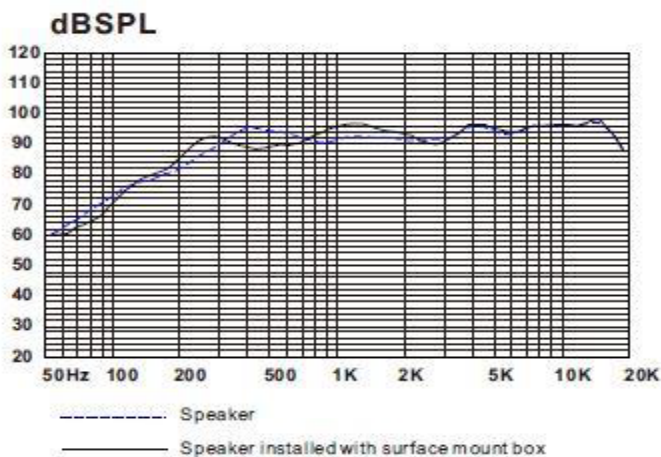
## ENVIRONMENTAL

<b>IP Rating</b>	Type A (AS7240.24) / IP21
<b>Operating Temperature</b>	-25°C to +55°C
<b>Storage Temperature</b>	-40°C to +70°C
<b>Relative Humidity</b>	<95%
<b>IP Rating</b>	Type A (AS7240.24) / IP21
<b>Operating Temperature</b>	-25°C to +55°C

## CIRCUIT DIAGRAM



## FREQUENCY RESPONSE



## DISPERSION ANGLES

		<b>HORIZONTAL</b>	<b>VERTICAL</b>
1/3 Oct. Pink Noise	500 Hz	178°	175°
1/3 Oct. Pink Noise	1 kHz	136°	137°
1/3 Oct. Pink Noise	2 kHz	141°	140°
1/3 Oct. Pink Noise	4 kHz	60°	58°

## ITEM No

FS-SP4-7240	White recess
FS-SP4-7240-BK	Black recess
FS-SP4-SMB-7240	Surface mount box white
FS-SP4-SMB-7240-BK	Surface mount box black

SAI Global Certificate Number – SMK40640