

# Technical Data



WATKINS-JOHNSON

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## Speaker Panels S-9903E & WJ-9954



HEIGHT 3.5 in (8.89 cm)      DEPTH 6 in (15.24 cm)  
WIDTH 19 in (48.26 cm)      WEIGHT 5.5 lbs (2.49 kg)

### S-9903E

Operators use the S-9903E with receiving systems, and as line- and playback-monitors for multichannel tape recorder systems. The versatile unit requires a minimum of rack space, yet provides high-quality audio reproduction and response. It contains integral, low-watt output, solid-state amplifiers, and power supplies. Front-panel switches allow the selection of audio from one of several inputs.



HEIGHT 3.5 in (8.89 cm)      DEPTH 7 in (17.78 cm)  
WIDTH 8 in (20 cm)      WEIGHT 4 lbs (1.80 kg)

### WJ-9954

The WJ-9954 Speaker Panel is a compact, half-rack unit designed for receiving systems, and as a line or playback monitor for tape recorder systems. It can have one or eight switch-selectable channels with:

- Volume control
- Equalization (tone) control
- On/off switch
- Pilot light
- Channel-activity lights
- Headphone jack

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*All International sales of WJ equipment are subject to USA export license approval.*

*This material provides up-to-date general information on product performance and use. It is not contractual in nature, nor does it provide warranty of any kind.*

Specifications	WJ-9903E <sup>1</sup>	WJ-9954
<b>Front-panel Controls</b>	Vol/tone/on-off	Vol/tone/on-off 8-channel version - channel select
<b>Activity Indicators</b>	N/A	Active channels light on 0-dBm level, 0.1 Vrms, min
<b>Number of Inputs</b>	7	1 or 8
<b>Input Impedance</b>	10-k ohms	10-k ohm
<b>Input Connectors</b>	BNC	BNC
<b>Output Connectors</b>	Headphone jack	N/A
<b>Maximum Input Level</b>	7.5 V	2.5 V
<b>Maximum Output Level</b>	5 W, max	5 W, typical
<b>Response</b>		
Amplifier	75 Hz to 10 kHz at 3-dB points	N/A
Speaker	N/A	<150 Hz to 12 kHz
Headphone	N/A	50 Hz to 20 kHz
<b>Power Input</b>	115/230 Vac +10% 48 to 420 Hz	115/220 Vac 50 to 60 Hz
<b>Power Consumption</b>	16 W, approx	10 W, max
<b>Operating Temperature Range</b>	0 to 50°C	0 to 50°C
<b>Speaker Size</b>		
Height	2.5 in (6.35 cm)	2.5 in (6.35 cm)
Width	10 in (4.53 cm)	4 in (10.16 cm)
<b>Options</b>	N/A	WJ-9954/MK1 <sup>2</sup> Mounting Panel WJ-9954/MK2 <sup>3</sup> Mounting Frame WJ-9954/MK2 <sup>4</sup> Mounting Frame

<sup>1</sup> Normally used to bridge, rather than terminate, the output of a receiver or line.

<sup>2</sup> Mounts 2 speaker units. Overall size: 3.5 in (8.89 cm) x 19 in (48.26 cm). Maximum depth with speakers is 3 in (7.62 cm).

<sup>3</sup> Mounts 1 speaker and 1 blank panel into a full rack.

<sup>4</sup> Mounts 1 speaker with any one of several auxiliary devices including signal monitors or frequency counters. Overall size: 3.5 in (8.89 cm) x 15.6 in (39.62 cm).