

Technical Specifications

SWM-15 15-Watt Mixer Amplifier

- VOX operated priority override or active mix
- Separate volume control for each input
- Fuse protected
- 15-Watts
- Wall mount
- Two inputs: mic/tel and aux
- Master gain control
- Screw terminals for all connections
- Separate bass and treble control



15-Watt, 25/70 volt

Description:

The Clarity SWM-15 15-Watt Wall Mount Amplifier is designed to provide audio power that can be used to operate 4 to 8 Ohms, 25 Volt or 70 Volt type speakers or horns for voice paging or background music systems.

SPECIFICATIONS

NOMINAL SPECIFICATIONS

Type of Outputs: 4 - 8 Ohms, 25 V, 70 V

Frequency Response: 80 Hz-15 kHz

Distortion: <2%

Number of Inputs: (1) Mic/Tel, (1) Aux

Voice Switch Sensitivity: -21 dBm

Mic Input Impedance: 600 Ohm balanced

Sensitivity of Mic Input: 1.5 mV RMS

Tel Line Input Impedance: 600 Ohm

Aux Input Impedance 10k Ohms

NOMINAL POWER REQUIREMENTS

Voltage: 120 Vac

Current: 0.50 Amps

ENVIRONMENT

Temperature: 32 to 122 °F (0 to 50 °C)

Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

20 AWG steel and finished in carbide black with a light texture and white lettering

DIMENSIONS AND WEIGHT

9.5in W x 8.25in H x 3.0in D

(24.13cm x 20.95cm x 7.62cm)

with mounting bracket 10.75in W (27.3cm)

Weight: 8.00lbs (3.64kg)

Shipping Weight: 9.00lbs (4.09kg)

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Clarity
by Valcom

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ARCHITECTS AND ENGINEERS

The 15-Watt Mixer-Amplifier model SWM-15 shall be completely solid-state and have screw-type connections for all inputs and outputs.

The SWM-15 Mixer Amplifier shall mix and control two inputs. Input one accommodates either a balanced low impedance microphone or a 600 Ohm tel line audio input. Input two provides connection for a high impedance auxiliary input.

The SWM-15 Mixer Amplifier shall include individual input controls along with bass, treble, and master gain controls. A power "ON" LED indicator is illuminated when the unit is receiving AC power.

The SWM-15 Mixer Amplifier shall have screwdriver adjustable bass, treble and master volume controls in addition to an individual volume control for each input. A slide switch located on the front shall select between active mix of both inputs or priority override. If active mix is selected, both inputs shall be blended into one output. If priority override is selected, input one shall have precedence over the auxiliary input.

The SWM-15 Mixer Amplifier shall provide 4 Ohm, 25 V, and 70 V outputs. Screw terminals shall be provided for all connections. Automatic limiting circuits protect the SWM-15 in the event of an overload or short circuit on the outputs. The unit shall shut down in the event of a trouble condition and reactivate when the condition is corrected. A replaceable fuse is used to supply primary circuit protection.

The SWM-15 Mixer Amplifier shall be constructed of 20 AWG steel and finished in carbide black with a light texture and white lettering. The SWM-15 shall be wall mountable.

Maximum dimensions shall be: 9.5in W x 8.25in H x 3.0in D (24.13cm x 20.95cm x 7.62cm) with mounting bracket 10.75in W (27.3cm). Weight shall be approximately: 8.00lbs (3.64kg).

Warranty information may be found on our website at www.valcom.com/warranty.