

## WMS-300L Wall Mount User Station

### Features

The WMS-300L Wall mount Speaker Station of a series of User Stations especially designed to work within the TW Intercom System. It fits directly into a standard 4-gang electrical conduit box (2 1/4" deep). The rear section is not enclosed and sets the back-box to provide a housing when installed.

This user station is perfect for permanent installations where a wall mounted station can provide an unobtrusive operating position. Most often it is located where the operator can conveniently attend to on-going operations while wearing a headset or listening to the loudspeaker. Typically, the WMS-300L is a very practical user station since it can operate in an "open-listening" mode with the panel-mounted loudspeaker as well as privately with a headset or a handset.

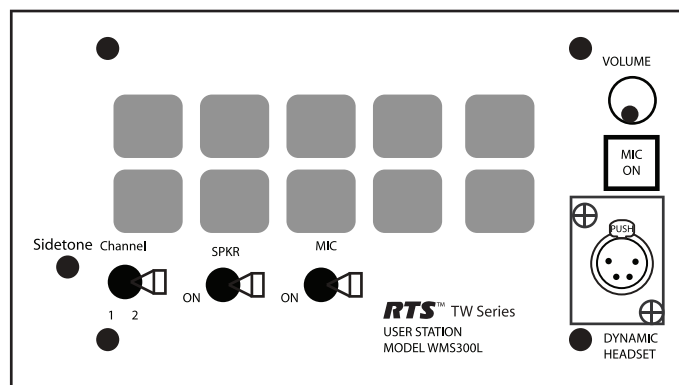
In the open-listening operating mode, with both the loudspeaker and an external microphone turned on, acoustic feedback is suppressed by adjustment of a front panel sidetone (balance) control. This control cancels the originating microphone signal in the local loudspeaker. Most any type of microphone can be used, a hand held push-to-talk microphone, a headset/handset microphone, etc.

In the private operating mode, almost any headset or handset can be used while the loudspeaker is turned off. This method can be extended by using the loudspeaker for monitoring and the headset or handset for conversation.

Practical operating features include two-channel selection, latching and momentary-action microphone on-off switches, a speaker on-off switch, a sidetone control, and a headphone/loudspeaker volume control.

Screw terminals counted on the circuit card are provided for user station interconnection to line. A two pair shielded cable such as Belden 8723 or equivalent is recommended since it allows each channel to be carried over a shielded pair, thus reducing the possibility of crosstalk between channels.

### Line Drawings



# WMS-300L Specifications

## Headset Connector

Dynamic Microphone  
XLR type 4 or 5-pin connector version available

## Line Connector

Screw Terminals

## Dimensions

4.50" (114.30mm) high, 8" (44.5mm) wide, 1.75"  
(44.45mm) deep

## Weight

1 lbs (0.45 kg)

## Finish

Light gray enamel paint

## Power Consumption

Quiescent: 10 to 40 mA  
Operating: 25 ohm phones: 50mA  
Operating: 25-ohm phones + call light: 70mA

## Contact Information

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Form Number: 20055-1  
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## Ordering Information

**WMS-300L A4F** • 2 channel wall mount speaker station with an A4F headset connector • Catalog Number: 9000510700

**WMS-300L A5F** • 2 channel wall mount speaker station with an A5F headset connector • Catalog Number: 9000510709

This specifications information is preliminary and is subject to change without notification. Brand names mentioned are the property of their respective companies.