ClearOne offers antenna design services for your ClearOne WS800 Wireless Microphone System at no additional cost. Email your project’s floor plan drawings to antenna.design@clearone.com and we will mark the suggested antenna placement, with cable specifications, and required connectors. ClearOne will supply you with an antenna design and a bill of materials specific to your project.

In addition to the items in your quote you will need to provide the following items to complete your free antenna design:

- A room plan showing where the transmitters and receivers will be placed
- Room dimensions: length, width, and ceiling height
- The location of the AV rack
- The location of room dividers and other obstructions between the transmitters and receivers
- Special considerations including extra cable routing distance through cable trays/conduits
- Any other special requirements that may impact how the system will be used or installed

ClearOne Wireless Value-Added Services

- Project Design/Application Consultant
  - Regional sales team
  - Manufacturer’s remote support team
  - Quote tool with pricing and part numbers
- Antenna design based on project plans
- Remote commissioning
- Support team by request
Antenna Design
for WS800 Wireless Microphone System

ClearOne's Sample Antenna Design

System BOM
Qty 1 = 910-6000-801 .........8ch Receiver, M915 MHz
Qty 1 = 910-6000-401 .........4ch Receiver, M915 MHz
Qty 2 = 910-6002-121 .........12” Gooseneck Mic, M915 MHz
Qty 4 = 910-6004-001 .........BeltPack Transmitter, M915 MHz
Qty 4 = 910-6004-010 .........Lavaliere, Omni
Qty 2 = 910-6003-001 .........H18 Hand held Mic, M915 MHz
Qty 4 = 910-6001-001 .........Boundary Mic, Cardioid, M915 MHz
Qty 2 = CN25810TNC-50 ...50' RG8 Plenum Cable
Qty 2 = 910-6005-200 .........2-way Combiner
Qty 2 = 910-6005-311 .........50’ RG8 Antenna Kit Plenum, M915 MHz

Design Notes
1. Confirm cable run lengths on-site.
2. Separation of “A” and “B” —10’ (ft).
3. Keep cable lengths equal (Coil extra cable).
4. Ceiling mount antennas in line-of-sight to transmitters and away from metal fixtures.

Assumed Details
1. Drop-tile ceiling.
2. Plenum rated RG8 cable.
3. Ceiling height —12’.

ClearOne Contacts

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