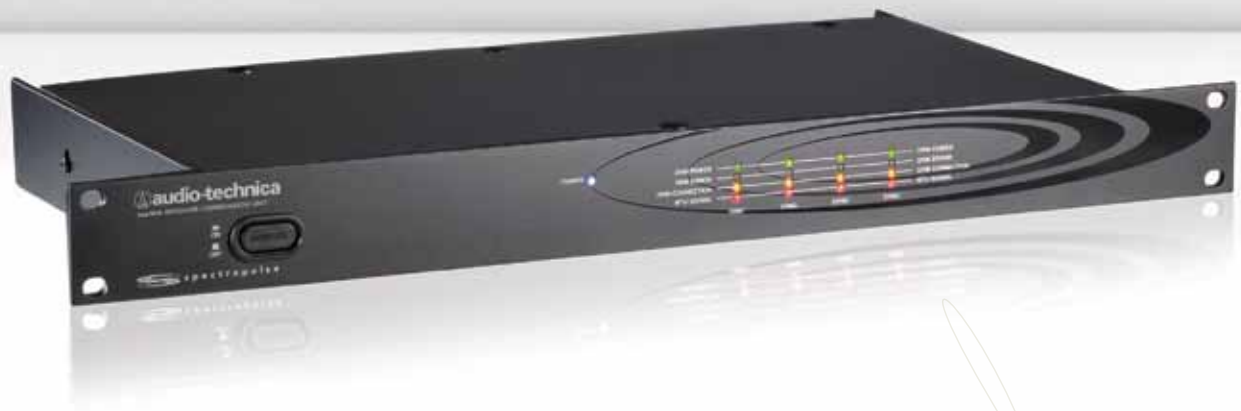
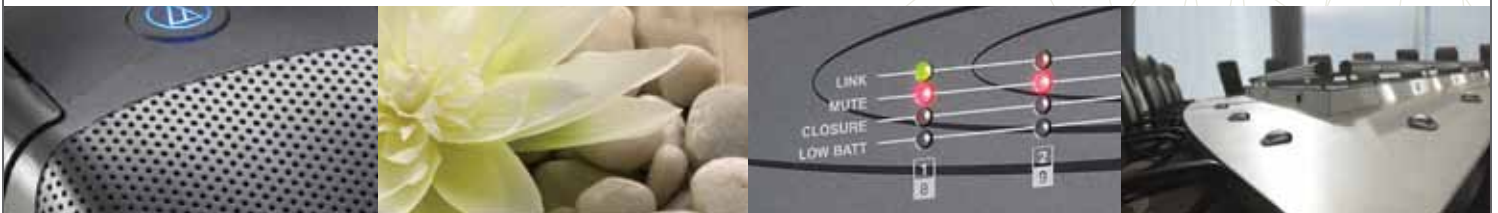


EXPERIENCE MORE .: COVERAGE .:



**SpectraPulse®**  
**rcu104** Receiver Coordinator Unit



SpectraPulse® innovations continue with the introduction of the rcu104 Receiver Coordinator Unit, which allows use of up to four Digital Receiver Modules in a SpectraPulse system. Now you can take SpectraPulse to larger spaces and adjacent rooms, creating flexible meeting configurations with even stronger Ultra Wideband connections. It all adds up to expanded performance for Audio-Technica's award-winning SpectraPulse UWB wireless microphone system. Whatever your installation demands, experience more.

 **audio-technica**  
*always listening*

# SpectraPulse® Ultra Wideband (UWB) Wireless Systems



## rcu104 Receiver Coordinator Unit

### Strengthens UWB Connection

Increases robustness of the Ultra Wideband connection by allowing use of up to four drm141 Digital Receiver Modules in a SpectraPulse system.

### Expands Coverage Area

Allows for expanded coverage of a SpectraPulse system through use of multiple drm's.

### Allows Adjacency

Permits two audio systems in side-by-side rooms to share a single SpectraPulse system.

### Creates a Single Data Stream

The rcu104 receives the data streams from up to four drm141 Digital Receiver Modules and creates a single data stream that can be interpreted by up to two linked aci707 Audio Control Interface devices.

Introducing Audio-Technica's SpectraPulse® rcu104 Receiver Coordinator Unit, a powerful addition to the award-winning SpectraPulse UWB wireless microphone system.

While a SpectraPulse system can operate with just a single drm141 Digital Receiver Module, it is often beneficial to expand coverage area and boost the robustness of the UWB connection beyond the range and signal strength that a single drm141 can provide. Audio-Technica's innovative rcu104 Receiver Coordinator Unit achieves this by allowing use of up to four drm141 Digital Receiver Modules in a SpectraPulse system.

The rcu104 receives the data streams from up to four drm141 Digital Receiver Modules and creates a single data stream that can be interpreted by up to two linked aci707 Audio Control Interface devices. The rcu104 also allows adjacency, permitting a single SpectraPulse system to be shared by two closely located or co-located audio systems, in side-by-side conference rooms, for example.

For each connected drm141, the rcu104 Receiver Coordinator Unit manages Ultra Wideband pulse timing, data coming from the aci707, and the correct programming of encryption keys.

### About SpectraPulse

The first commercial sound implementation of Ultra Wideband technology, Audio-Technica's SpectraPulse® Ultra Wideband wireless microphone system bypasses the congested RF bottleneck to deliver clear, intelligible audio without the performance and set-up issues associated with conventional wireless systems. Designed for conferences, courtrooms, corporate events and more, SpectraPulse offers 14 simultaneous channels that operate flawlessly without RF turf wars, frequency hunting/coordination, "white space" issues, or interference.

## SpectraPulse® System Components



**mtu101**  
Boundary Microphone  
Transmitter Unit



**mtu201**  
XLR Desk Stand  
Transmitter Unit



**drm141**  
Digital Receiver Module



**aci707** Audio Control Interface  
**rcu104** Receiver Coordinator Unit

