

# Quick Deploy™ Speaker - Intercom with *Wearable Crew Stations*™

Dual PTT  
support for  
SR nets

Intercom  
Mute/Enable

INTERCOM  
PTT



*Wearable Crew Station*™

Crew can listen to any  
combination of Radios/Intercom

*Intuitive operation requires minimal or no training*

Simple intuitive interface  
and Voice Prompts ease learning  
and sight free operation

Mutes all Radios  
except selected  
Talk Radio

Unconnected Radios  
can serve as private  
Intercom channels

Select Talk Radio

U-283 6 pin  
connector  
with adaptors  
for headset

Transformer isolated  
microphone interface.  
Dynamic or electret microphone  
support. Power provided  
for active headsets.  
Supports speaker  
microphones.



*Wearable Crew Station*™

Transportable  
Speaker - Intercom unit  
LS454 Speaker  
audio specifications  
and mounting

Speaker can be selected  
to monitor any combination  
of Radios and/or Intercom

Speaker Volume  
control

Radio Connectors



Completely digital  
(except for Radio and Headset interfaces).  
Multiple codecs and digital routing  
assures isolation between signal paths.  
Multiple digital signal processing (DSP) in Main-Speaker.  
DSP in each *WearableCrew Station*™ (*WCS*™).  
Algorithms include control of noise, signal  
leveling, and acoustical feedback.  
RS-485 interface between *WCS*™ and Main Speaker.

Matrix Microsystems Inc.