



WAVE™ ADVANCED DESKTOP COMMUNICATOR

FEATURE RICH COMMUNICATION CONSOLE



WAVE ADVANCED DESKTOP COMMUNICATOR

With the WAVE Advanced Desktop Communicator, you get much of the same functionality typically associated with two-way radio console stations tailored to the WAVE experience. Create and tear down patches, manage user access to channels and see unit IDs to identify users.



Advanced Desktop Communicator runs on an industry-standard desktop or laptop computer with a microphone equipped headset. There is no specialized hardware required other than a Windows-based PC, and it can be used anywhere there is a network connection.

KEY USER FEATURES

- Group and Private Calls
- Group and Private Text
- Telephony
- Simul-Select
- PTT ID/Alias
- Presence Status
- History
- Instant Recall Recorder (IRR)
- Volume Control by Channel

LMR AUDIO PATCH CAPABILITIES

- Radio wireline resource to donor radio resource (eg. ASTRO 25 trunked talkgroup to conventional radio channel)
- Radio wireline resource to radio wireline resources (eg. MOTOTRBO talkgroup to ASTRO 25 talkgroup)
- Donor radio to donor radio resource (eg. Conventional radio channel to other vendor radio channel)



INTEROPERABILITY

Communicate directly with and tie together disparate radio systems. Integrated via WAVE 5000, Advanced Desktop Communicator helps you to seamlessly communicate and collaborate with others on mobile phones, laptops, two-way radios and telephony both inside and outside your organizations.

SECURE COMMUNICATIONS

You can trust that your voice and data communication is safe. Transport Layer Security (TLS 1.2) protocol provides data integrity between Advanced Desktop Communicator and WAVE servers while encryption protects voice and data traffic on secured groups. User authentication through Common Access Card (CAC) ensures only authorized personnel can access WAVE communications.

IDEAL FOR DISASTER RECOVERY

Whether at an Emergency Operations Center (EOC) or a Mobile Command, all you need is a standard laptop and an IP connection to quickly deploy Advanced Desktop Communicator in response to a disaster or other large scale event. And when your everyday dispatch operations center needs a backup, Advanced Desktop Communicator can quickly step in to fill the need until you are back to normal operations.

USER CUSTOMIZED LAYOUT

The Advanced Desktop Communicator can be tailored to each individual operator's needs. Multiple radio channels, telephone calls and other communications systems can be patched together with just a few clicks of a mouse. Activity displays, audio recording and instant replay give operators a complete session history for archiving and audit trail purposes.

SPECIFICATIONS

RADIO FUNCTIONS

- Transmit (PTT)
- Transmit All (broadcast)
- Monitor
- Select
- Simul-Select
- Group and Private Calls and Text
- Individual Channel Volume Controls
- Mute / All Mute
- Per-Channel Call History
- Pre-Defined, Configurable Alert Tones
- Channel Cross-Mute
- Patch (radio-radio)
- PTT ID/Alias
- Instant Call Dialing

IT INTEGRATION

- IP Network Integration
- Supports IP Multicasting
- Multicast & Unicast Bridging
- Domain Interoperability (Federation)
- Active Directory Support
- Web-Based Management Tool
- Monitoring & Reporting
- Dynamic Updates
- Common Access Card (CAC) Support

SYSTEM FUNCTIONS

- Touchscreen
- User Configurable GUI
- Status & Presence
- Location Mapping Option
- Emergency / Alarms
- TX / RX on Multiple Channels
- Audio Routing Between Headset & Speaker
- Master Volume Control
- VU Meter
- Instant Recall Recorder (IRR)
- Long-Term Recording
- Per-Console Call History
- Status Messages
- Auxiliary I/O controls

MINIMUM SYSTEM REQUIREMENTS

- OS: Windows 7 / 10, Enterprise 32bit or 64bit
- JRE: 1.8 or above
- CPU: 2.0 GHz x-86 based processor
- Internal Memory: 4 GB RAM
- Available Storage: 600 MB
- Network Interface Controller: 100 Mbps
- Peripherals: 2 speakers, 1 microphone
- Minimum Screen Resolution: 1024x768

TELEPHONY FUNCTIONS

- PBX Integration
- Up to 8 lines
- Conferencing
- Memory / Speed Dial
- Answer / Release
- Mute
- Hold
- Set busy status
- Call Forward / Transfer
- Last number redial
- Caller ID / alias
- Patch/Conference (radio-telephone)

INTEROPERABILITY

Radio Systems	ASTRO 25, DIMETRA, MOTOTRBO, Others
WAVE to Radio encryption	ASTRO 25, DIMETRA, MOTOTRBO Capacity Max, MOTOTRBO Capacity Plus
Tone / SELCAL Control	✓
DTMF, 2-Tone Paging	✓
Morse Code	✓
Certifications	JITC (Joint Interoperability Test Command)



WAVE COMMUNICATOR APPLICATION SUITE

WAVE Mobile Communicator

PTT on the Go

WAVE Desktop Communicator

Communication Console

WAVE Advanced Desktop Communicator

Feature-rich Communication Console

WAVE Web Communicator

PTT on the Web

To learn More about WAVE and WAVE compatible products, visit motorolasolutions.com/wave



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