KENWOOD

BOUNDLESS

JVCKENWOOD Corporation

With BOUNDLESS technology from KENWOOD, you can now seamlessly connect two-way radio systems and POC devices for ultimate coverage and freedom of choice in subscriber units.

No Boundaries

Push to talk is now availabile to you without limitations for ultimate coverage. BOUNDLESS utilizes commercial cellular networks, or Wi-Fi backed by cloud servers, for a limitless communication tool using your choice of loT devices including smartphones.

Blended Networks

The KENWOOD BOUNDLESS PTT solution is protocol neutral. BOUNDLESS enables you to connect traditional digital two-way radios operating on DMR, NEXEDGE® and P25, facilitating a smooth migration to POC or blended communication system. You now have simultaneous access to POC and LMR, allowing you to customize your voice and data communications to suit your users, work environment and coverage requirements.

Server Based Architecture

Eliminate the costs of maintaining, programming and firmware updates required with two-way radio equipment. The KENWOOD BOUNDLESS PTT solution means that you have access to flash upgrades and reconfigurations for all your devices, with only a few clicks on a web UI.

EXCLUSIVE

BOUNDLESS App

Carrier Independent/Cross Carrier
  PTT over Cellular Application
Android & iOS App Available
Individual Call
Group Call
Late Entry & Re-Join on Group Call
Broadcast Call
Alert Call
Adhoc Group Call
Call Interrupt (Talker Override)
AES-256 Voice Encryption
Contact List
User Presence Indication
Group List
Personal Group & Member Group
  Text Messaging
Images & Data File Transfer
Location Tracking & Mapping

Web Management Tools

Web Based Provisioning
Add/Delete/Modify Individual Users
User Features Management
  (Keys, Screen, Functions, Alert, etc.)
Manage Contact Lists
Provisioning History
Call History
Usage History
Map Display and Location History
User Priority Management
Add/Delete/Modify Groups
Open/Closed/Dispatch/
  Surveillance/Unicast Groups
Group Priority Management
User Template
Group Template
Bulk Add/Modify User
Load and Export User List

Use Your Own Device

KENWOOD Boundless PTT for Android
  Requires Android 4.0 or later
  Compatible with most
    Android phones
  Compatible with most tablets

KENWOOD Boundless PTT for iOS
  Requires iOS 8.0 or later
  Compatible with iPhone,
    iPad, and iPod Touch.

KENWOOD

KENWOOD Brand POC Devices

KWSA80K

Rugged Android Device
PTT Key
Powered Audio Interface w/ Locking Mechanism
Glove Friendly Tactile Keys
Glove & Wet Finger Friendly Touchscreen
Dedicated Emergency Key

Features

Android N Operating System
4GB RAM / 64GB ROM
45GB Available User Memory
Dedicated Keys:
    Push-to-talk
    Volume Up / Volume Down
    Emergency Key
    Power
    Navigation (Home/Back/Recent)
    Programmable Key
5.0" 180 x 1920 Display in Gorilla Glass™ 3
100dB + Dual Loud Speaker
3 Mic Solution with Noise Cancellation
Nationwide Connectivity to your core radio system (Optional)
Quick Charge 4.0 via USB-C
12MP PDAF Rear Camera with Flash, 8MP FF Front Camera
Wi-Fi: IEEE802.11 a/b/g/n/ac/r 2.4/5GHz
Built-in NFC, GPS, GLONASS and BeDou
MIL-STD-810G, IP68/69
3 Year Comprehensive Warranty

KWSA50K

Rugged Android Device
PTT Key
Powered Audio Interface w/ Locking Mechanism
Glove Friendly Tactile Keys
Dedicated Emergency Key

Features

Proprietary Operating System
2GB RAM / 16GB ROM
10GB Available User Memory
Dedicated Keys:
    Push-to-talk
    Volume Up / Volume Down
    Emergency Key
    Navigation
    DTMF Keypad
2.6" TFT Display in Gorilla Glass™ 1
100dB + Dual Loud Speaker
3 Mic Solution with Noise Cancellation
Nationwide Connectivity to your core radio system (Optional)
5MP FF Rear Camera with Flash
Wi-Fi: IEEE802.11 a/b/g/n/ac/e/k/r/h 2.4/5GHz
Built-in Bluetooth 4.2 with BLE, GPS and GLOSNASS
MIL-STD-810G, IP68
3 Year Comprehensive Warranty