

MAX Dispatch

NEXEDGE® MAX Dispatch Console System

GENERAL FEATURES

- Administrative telephony
- PTT/Caller ID and Alias
- Master and individual channel volume controls
- Dynamic and permanent groups
- Patching – radio to radio; radio to phone
- Instant Call paging, stacks, and manual page
- Event History
- Alert Tones, Priority Marker
- Console and site intercom
- Aux I/O's, system-wide and local
- Event Replay (IRR)
- Console and channel cross muting
- Network Health Monitor

NEXEDGE® IP Features

- Group Call
- Selectable Talk Group
- Individual Call
- Registration/Group Registration
- Authentication
- Status Call
- Status Request
- Remote Stun/Revival
- Remote Monitor
- Encryption
- DES, AES, Scramble
- Emergency Call
- Emergency Alert
- Patching

MAX Dispatch Console Workstation

- Windows7 PC, 64-bit OS Desk or Laptop PC

MAX Central

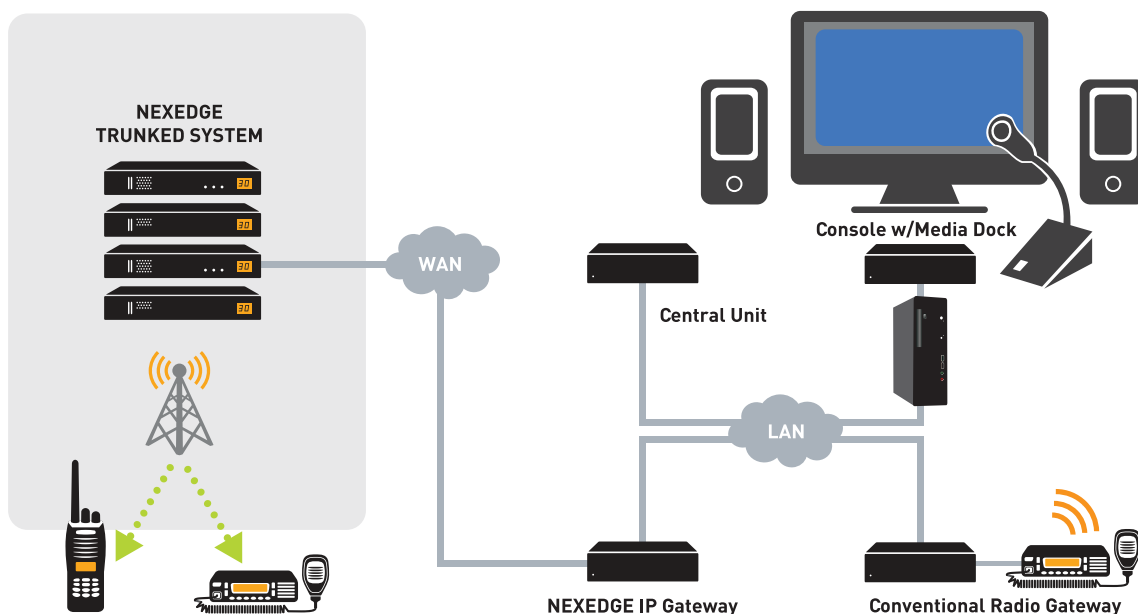
- Audio routing device
- USB connection to PC
- 4 speakers
- (8 speakers supported with 2nd dock)
- Headset jack box port
- TRHI Functionality
- Desk Microphone
- Foot switch
- 4 inputs/4 outputs for local console I/O control

MAX Central

- MAX Manager
- MAX Portal
- Telephony Gateway
- Aux I/O Gateway
- IP Logging Gateway
- Supports dual network connections.
- Redundant power inputs

MAX Radio Gateways

- TK-x180, TK-5x10, NX-700/800/900
- Direct IP interface to NEXEDGE Infrastructure
- Local/E&M/TRC, and DC control (via M251)
- Tone signal encoder/ decoder
- 2-Tone, DTMF, Knox, MDC-1200, FleetSync, GE-Star, 5/6-tone
- Onboard I/O – 4 inputs, 4 outputs
- Analog logger port
- Dual network connections



Main Specifications

MAX DISPATCH CONSOLE WORKSTATION	
Operating System:	Windows 7 x64 Professional.
Video Monitor(s):	1680 x 1050 resolution display or larger; 1920 x 1080 recommended. DirectX 10-compatible graphics processor with a Windows Display Drive Model (WDDM) 1.1 driver, pixel shader 3.0 in hardware, and a minimum of 512MB of video RAM. Touchscreen operation requires a monitor that supports multi-touch.
Processor:	Dual Core i3/i5 3.0 GHz or better processor. (The current reference build uses the i3 540.)
Memory:	4GB
Drive:	80GB or larger
Network:	100/1000 Ethernet Connection. Dual connections are required for link redundancy options.
NETWORK REQUIREMENTS	
Radio Gateway Payload (per radio):	168 kbps during radio Tx. 84 kbps during radio Rx. If using an IP voice logger, an additional 84 kbps maximum for each active audio stream is needed. 5 kbps average for non-audio traffic.
Console Workstation Payload:	84 kbps maximum for each active audio stream (Tx or Rx). N*84 kbps for simultaneous Tx on N channels.
Packet Loss:	< 0.1% (< 1% for non-mission critical)
Packet Delay:	< 40 ms for LAN environments; up to 2 seconds for longhaul (long delay) environments.
Packet Jitter:	< 20 ms (< 40 ms for non-mission critical)
Network Infrastructure:	100 Mbps minimum, full-duplex Ethernet. Switches and routers must be multicast aware. Mission-critical applications should use a dedicated network.

MAX MEDA DOCK	
Dimensions:	2.44 x 7.56 x 8.27 inches HxWxD (62 x 192 x 210 mm)
Weight:	3.97 lbs (1.8 kg)
Operating Temp:	0 to +50 Celsius
Input Power:	60W (max with 4 speakers connected) from +13.5Vdc
MAX CENTRAL	
Dimensions:	1.5 x 7.75 x 10.25 inches HxWxD (38 x 197 x 260 mm)
Weight:	2.5 lbs (1.13 kg)
Operating Temp:	0 to +50 Celsius
Power:	10.5 to 16VDC, 1.8A maximum Interfaces with third-party telephone gateways, AUX I/O devices, and long-term IP logging recorders (Stancil, Eventide, Exacom). Also provides remote MAX Dispatch Console and remote MAX Radio Gateway connections.
MAX RADIO GATEWAY	
Dimensions:	1.5 x 7.75 x 10.25 inches HxWxD (38 x 197 x 260 mm)
Weight:	2 lbs (0.91 kg)
Operating Temp:	0 to +50 Celsius
Input Power:	10.5 to 16 Vdc; 1A maximum
Built-in I/O:	Four binary inputs and outputs which may be allocated for generic site monitoring and control. Relay closures available via optional Zetron Model 6080.

Specifications are subject to change without notice, due to advancements in technology.

Windows® is a registered trademark of Microsoft Corporation.
NEXEDGE® is a registered trademark of JVCENWOOD Corporation.

KENWOOD

Kenwood U.S.A. Corporation
Communications Sector Headquarters
 3970 Johns Creek Court, Suite 100, Suwanee, GA 30024-1265
Order Administration/Distribution
 P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745

Kenwood Electronics Canada Inc.
Canadian Headquarters and Distribution
 6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8
www.kenwood.ca


www.kenwoodusa.com



ISO9001 Registered
 Professional Systems Business Group
 JVC KENWOOD Corporation

ADS#11813 Printed in USA