

Dispatch console  
accessories for  
DIMETRA™ X Core networks

# Mission-Critical dispatch accessories

As a dispatcher, when every second counts, it's your job to provide crucial intelligence to personnel and to keep people safe. Yet in today's world you have more information, resources, and tools competing for your attention than ever. Precious time is lost if you have to repeat yourself due to transmission difficulties. That's why we created a portfolio of mission-critical dispatch accessories. Based on extensive observation of the way dispatchers work, they have been thoughtfully designed to help you confidently and efficiently manage any situation that comes your way.



Purpose built accessories  
Superior audio quality and performance



Flexible mounting options  
Freestanding or permanently mounted



Reliability through and through  
Rugged physical design for 24/7/365 use



# USB Gooseneck Microphone B1951

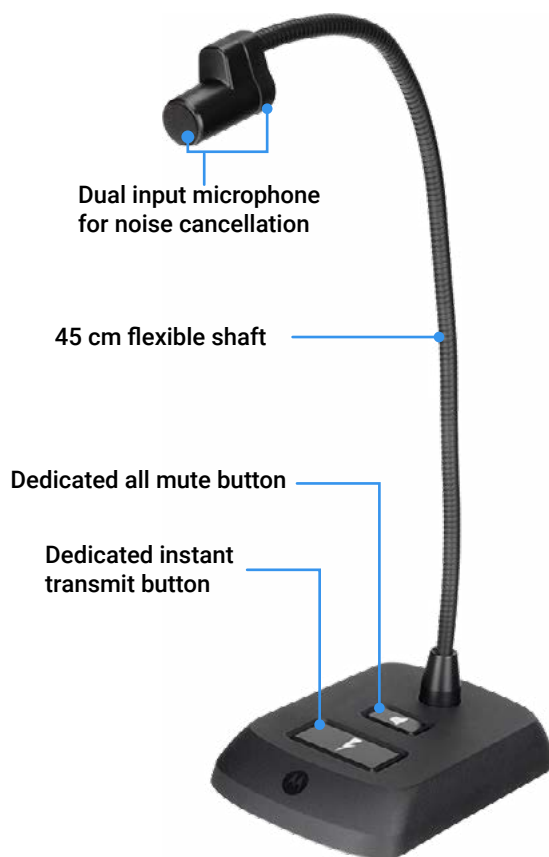
The USB gooseneck microphone is specifically designed for use in mission critical dispatch products. This purpose-built USB-based microphone connects directly to the dispatch position's PC.

With a dedicated instant transmit button located directly at the base of the microphone, dispatchers can effortlessly communicate with the talkgroup of their choice. The microphone has a dedicated All Mute button, allowing dispatchers to mute all of the audio on resources that are not currently selected at a console position.

This microphone has built-in active noise cancellation capability designed to provide 20 db of front to back noise cancellation. Active noise cancellation delivers loud and clear audio by virtually eliminating both off-axis coloration and proximity effect that causes bassy and muffled audio when speaking too close to the microphone.

The microphone has flexible mounting configurations available. With both freestanding or permanent mounting options, the microphone will seamlessly blend into the environment however you see fit. The base of the microphone has threaded holes allowing you to securely fasten it to your dispatch furniture.

Utilising the industry standard USB-C connector, the gooseneck microphone can be used with commercially available cables. For added assurance and optimal performance, special cables are available that can better meet the needs of mission-critical environments. The USB gooseneck microphone comes with a Type C to Type A cable, which is longer than most commercially available cables (4.5 meters) so they can be routed through dispatch furniture. They also include a thumb screw on the end that connects to the speaker to secure the cable to the speaker minimising the risk of accidentally losing connection and missing incoming audio.



| GOOSENECK MICROPHONE SPECIFICATIONS |   |
|-------------------------------------|---|
| Frequency response                  | 150 Hz - 12.5 kHz at 48 kHz sampling rate<br>80 Hz - 3.75 kHz at 48 kHz sampling rate   |
| Total harmonic distortion           | <5%   |
| Noise cancellation                  | Minimum of 20 dB active noise cancellation  |
| Dimensions (h x w x d)              | 533 x 119 x 165 mm<br>(Gooseneck pointing straight up)  |
| Mounting options                    | Freestanding or permanent - via two #10-32 threaded holes conveniently located at the base of the microphone stand that can be used to attach to flat surfaces. |
| Weight                              | 1.2 kg  |
| Power consumption                   | <1 W  |
| Thermal output                      | <1 BTU/Hr   |
| Operating temperature               | 0 °C to 40 °C   |
| Storage temperature                 | -25 °C to 70 °C   |
| Relative humidity operating         | 0% - 90% relative humidity at 40 °C non-condensing  |
| Cable connector type                | USB-C   |
| Cable length                        | 4.5 m   |



# USB Desktop Speaker B1952

The USB speaker has been specifically designed for use in mission-critical environments. This USB-based desktop speaker connects directly to the dispatch position's PC. Unlike commercially available desktop speaker systems, each speaker offers its own individual volume control. Having an adjustable volume control on each speaker allows dispatchers to more effectively manage incoming audio streams. The speakers can be powered via USB, or for added amplification, with an external power supply. For the highest audio quality it is recommended the speaker be used with an external power supply.

The speakers have a Type C USB connector with a threaded hole above it. While the speaker can be used with commercially available USB cables, special cables are available that can better meet the needs of mission critical customers. The USB desktop speaker comes with a Type C to Type A cable, which is longer than most commercially available cables (4.5 meters) so they can be routed through dispatch furniture. They also include a thumb screw on the end that connects to the speaker to secure the cable to the speaker minimising the risk of accidentally losing connection and missing incoming audio.

## THE USB DESKTOP SPEAKER SYSTEM PROVIDES DIFFERENT POWER LEVELS AS FOLLOWS:

|                     |       |   |
|---------------------|-------|---|
| 85 db SPL at 50 cm  | ~2 W  | With no external power supply and a USB connection capable of providing 500 mA of current |
| 92 db SPL at 50 cm  | ~5 W  | With no external power supply and a USB connection capable of providing 1.5 A of current  |
| 95 db SPL at 50 cm  | ~10 W | With no external power supply and a USB connection capable of providing 3.0 A of current  |
| 102 db SPL at 50 cm | ~20 W | With any type of USB connection and an external power supply                              |

## Flexible mounting options



Volume control knob

LED status indicator





#### USB DESKTOP SPEAKER SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| Frequency response          | 120 - 10.3 kHz at 48 kHz sampling rate<br>120 - 3.7 kHz at 8 kHz sampling rate  |
| Total harmonic distortion   | <5%   |
| Dimensions (h x w x d)      | Without mounting bracket<br>155 x 135 x 127 mm  |
|                             | With mounting bracket<br>165 x 175 x 140 mm   |
| Weight                      | Speaker Only<br>0.9 kg  |
|                             | With mounting bracket<br>1.2 kg   |
| Mounting options            | Freestanding or permanent - via two #10-32 threaded holes conveniently located at the base of the microphone stand that can be used to attach to flat surfaces. |
| Power consumption           | With external power supply<br>41 W (maximum)<br>25 W (typical)  |
|                             | With USB supplying 3 A<br>15 W (maximum)<br>9.1 W (typical)   |
|                             | With USB supplying 1.5 A<br>7.5 W (maximum)<br>4.5 W (typical)  |
| Thermal output              | With USB Supplying 500 mA<br>2.5 W (maximum)  |
|                             | With external power supply<br>140 BTU/Hr (maximum)<br>86 BTU/Hr (typical)   |
|                             | With USB supplying 3A<br>52 BTU/Hr (maximum)<br>31 BTU/Hr (typical)   |
| DC operating voltage        | With USB supplying 1.5A<br>26 BTU/Hr (maximum)<br>16 BTU/Hr (typical)   |
|                             | With USB supplying 500 mA<br>9 BTU/Hr (maximum)<br>6 BTU/Hr (typical)   |
|                             | 24 VDC (nominal)  |
| Operating temperature       | 0 °C to 40 °C   |
| Storage temperature         | -25 °C to 70 °C   |
| Relative humidity operating | 0% - 90% relative humidity<br>at 40 °C non-condensing   |



# Footswitch GMLN5620A

The ergonomic footswitch provides two separate foot pedals for controlling functions on your radio dispatch position.

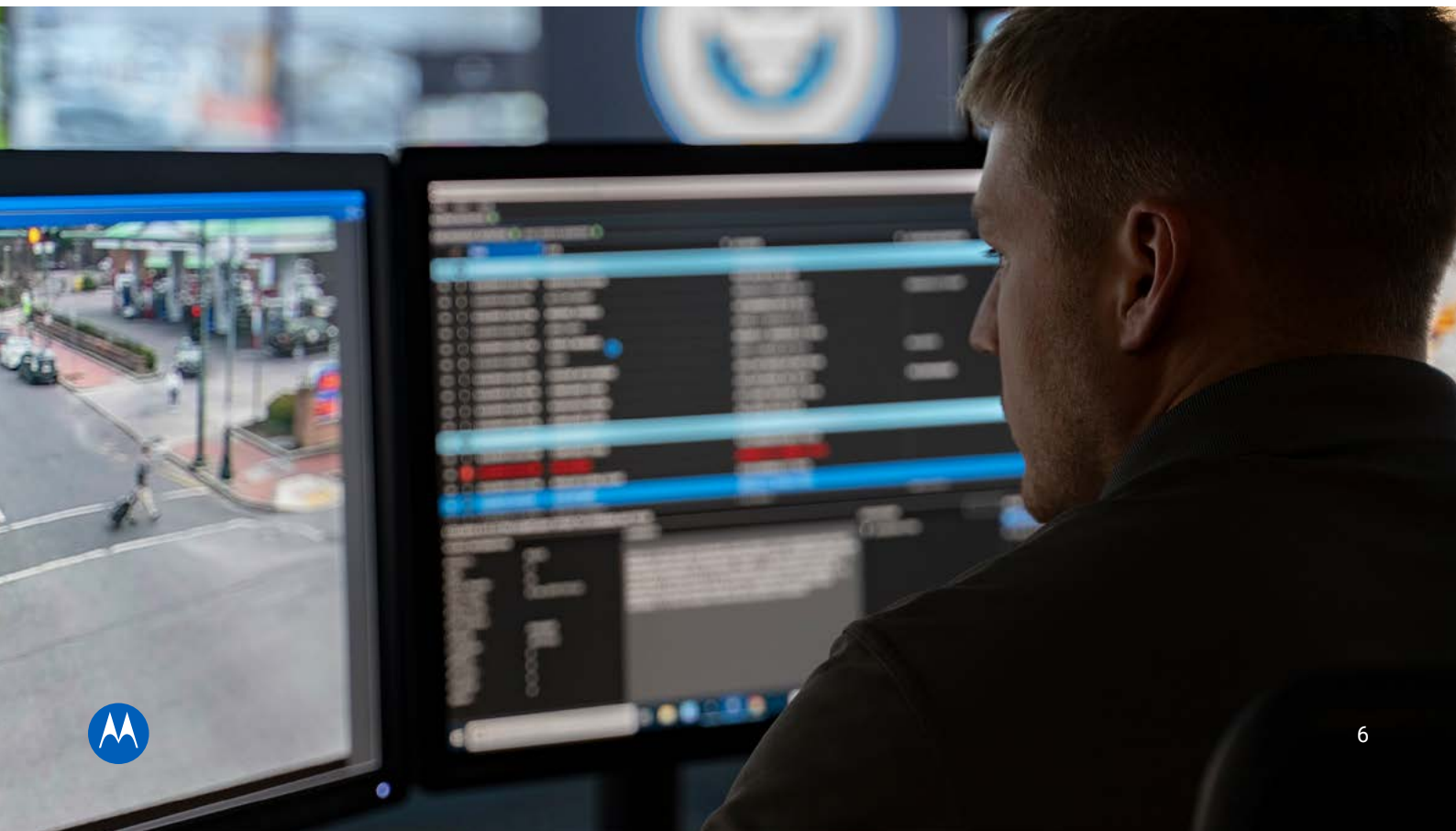
The right pedal controls the general transmit function, while the left pedal controls the all-mute function.

The footswitch is connected via an extra long, 277 cm, USB cable.

The ergonomic, rounded design uses front-hinged pedals for easy activation and includes the capability for adjustable pedal-positioning and adjustable activation force. A heavy steel base and the low profile help to keep the footswitch from sliding.

## FOOTSWITCH SPECIFICATIONS

|                             |                          |
|-----------------------------|--------------------------|
| Dimensions (h x w x d)      | 3.2 x 16.5 x 17.8 cm     |
| Weight                      | 0.73 kg                  |
| Cable length                | 277 cm                   |
| Operating temperature       | 10 °C to 41 °C           |
| Storage temperature         | 0 °C to 49 °C            |
| Relative humidity operating | 10% - 80% non-condensing |



# Poly Headset GMDN1151D

The Poly EncorePro 510 is certified for use with dispatch consoles from Motorola Solutions. This headset provides all day comfort with soft ear cushions, noise-cancelling for clearer calls, and increased reliability so conversations can continue without worry. The flexible microphone provides both visual and tactical positioning guides for precise positioning resulting in clearer conversations. The headset meets OSHA standards for work regulations. You can use headsets not certified by Motorola Solutions but we cannot guarantee their performance.

The headset is used together with POLY DA85 USB adapter.



EncorePro 510



DA85 USB



# 4-Port USB hub GMDN10352A

In rare cases when the USB ports available with the console workstations are insufficient, this 4-Port USB 3.0 hub can be used to add further USB Type A ports for connecting all possible accessories. The hub should not be used to connect devices with high power consumption such as the footswitch or speakers, even if externally powered.



USB gooseneck  
microphone B1951



USB desktop  
speaker B1952



Footswitch  
GMLN5620A



Poly headset  
GMDN1151D



4-Port USB hub  
GMDN10352A

CommandCentral AXS  
for DIMETRA X Core



DIMETRA  
MCC 7500C



DIMETRA  
MCC 7500S



To learn more, visit:  
[motorolasolutions.com/dispatch](https://motorolasolutions.com/dispatch)



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