

Mobile Radio Integrator

Natural disasters, emergency and rescue actions, terrorist attacks demand cooperation of various groups with different communication system on board. Communication and **interoperability** problems may have serious impact on any crisis situation.

In response to market demands DGT has developed Mobile Radio Integrator (MRI) which main role is to **interconnect different radio systems** from analogue, through DMR, TETRA, P25, GSM, to Wi-Fi by smartphone DGT PTT CONNECT application. Operator can communicate by loudspeaker kit, telephone handset or headphone set (optional). MRI can be equipped with additional memory storage for voice recording.

MRI provides parallel connection of four selected radio systems into one or two conferences. System can be expanded by external GSM/PSTN user which may be joined to any of the conferences. PTT Connect users can also be connected through Wi-Fi and joined to one of the conferences.

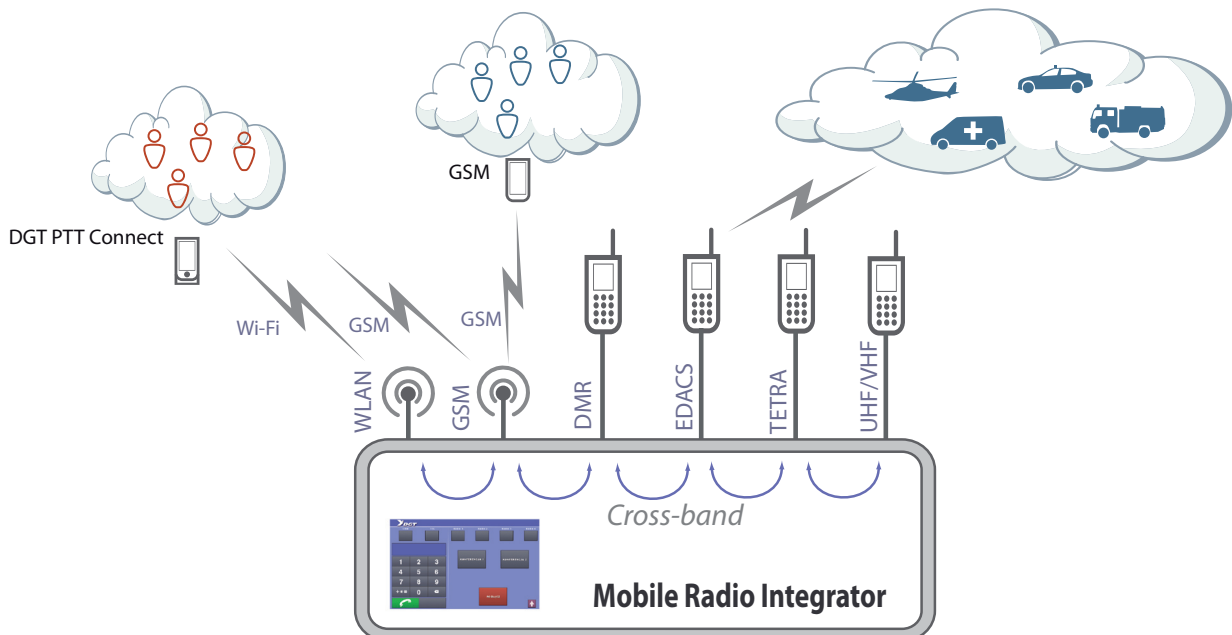
At current state, MRI by default is compatible with 8 different radio types. However, **almost any radio interface can be added** on customer's request. MRI has dedicated accessory case for radio cables and power supply adapter.

MRI is simple and intuitive in operation, does not require specific knowledge or training. It is equipped with user friendly touch screen which provides information about radio connection status, conference status, GSM and Wi-Fi signal and other types of messages.



MRI is designed to work in harsh environment conditions and wide range of operating temperatures. **Ruggedized case** complies with STANAG 4280/DEF STAN 81-40 regulations.

MRI due to its very intuitive operation and robust design may be used as temporary indoor/outdoor commanding or coordinating center for various types of events including commercial ones (concerts, sport games, etc.).





TETRA compatible

Compatible with infrastructures and terminals from various manufacturers



Water Proof

Rated IP67 completely water submersible (closed case)



DMR compatible

Compatible with infrastructures and terminals from various manufacturers



Glove Usability

Widely spaced keys for ease of use with gloved hands



P25 compatible

Compatible with infrastructures and terminals from various manufacturers



Protection From Micro Particles

Rated IP67 completely dust proof



EDACS compatible

Compatible with infrastructures and terminals from various manufacturers



Impact Resistant

Designed to be impact resistant



NXDN compatible

Compatible with infrastructures and terminals from various manufacturers



Resistant To Shocks/Vibrations

Designed to be shock resistant



ANALOGUE compatible

Compatible with infrastructures and terminals from various manufacturers



Resistant To Extreme Temperature

Operates in temperatures ranging from -15°C to +50°C



GSM & LTE compatible

Compatible with GSM & LTE terminals from various manufacturers.



Resistant To Extreme Pressure

Withstands up to 500 kg pressure (closed case)



WiFi compatible

Compatible with WiFi terminals from various manufacturers



Resistant To Extreme Punctures

Will sustain a drop of a 1LB steel ball from 20 inches (closed case)



Easy and intuitive operation

Easy to view touch screen. The training is not needed.



Resistant To Oil and Chemicals

Tested Against dozen chemicals and oils (closed case)

Technical details	
Display	LCD TouchScreen 7" 480x800
Output Ports	- 4x D-Sub 21-pin radio interface - 1x FastEthernet - 1x USB - 1x RS232 - RJ45 headset connection
Audio	Microphone "goose neck"; speaker, headset with PTT, headset (optional)
Power supply	230Vac; 12-24Vdc
Power consumption	Max. 50 W
Dimensions (WxHxD)	546mm x 347mm x 197mm
Net Weight	approx. 13kg

