

KEYDRILL WIRELESS SYSTEM (KWS)

Overview:

The KeyDrill Wireless System (KWS) is capable of transmitting and receiving high-performance digital and analog communication data through radio wave frequencies. Its small size, modular design and superior performance make the KWS ideal for converting wired MWD surface gear to wireless. The system can be used with both EM and Mud Pulse MWD equipment.



Features:

- Approximately 1500ft working range on rig sites, which can be extended with the external magnetically mounted antenna.
- Completely compatible with the majority of brand name MWD receivers and rig floor displays presently used in the field.
- “Plug and Play” simplifies operation and the training process.
- Fully sealed - can be operated in all types of severe outdoor environments.
- Extremely reliable.

Specifications:

Operation Power:	90-240VAC, 50-60Hz
Wireless Power:	0.1W to 1.0W
Wireless Frequency:	902Mhz - 928MHz
Wireless Sensitivity:	-106dBm
Operation Temperature:	-20° to 60° C
Extended Temperature:	-40° to 85° C
Dimensions:	10”x6-1/4”x3-5/8”, Net Weight: 3 lbs (Rig Side) 10”x6-1/4”x4-3/4”, Net Weight: 4 lbs (Trailer Side)
Humidity:	0% to 95%

