

MEMS HHU (Hand-Held-Unit)

The MEMS (Michelin Earthmover Management system) HHU is a hand held data terminal used as a service tool for the Michelin Earthmover Management System. The unit has an RF transmission module, and two RF receiver modules. Short whip antennae are used for each receiver module, with one antenna also connected to a transmitter through an internal RF switch. The transmission function is used to send configuration information (tag & wheel positions, pressure and temperature alarm levels) to selected MEMS Receivers. The unit can also display the most recent tire data stored in MEMS Receivers, or to display data received from tire sensor tags. The transmissions are 433.92 MHz, FSK modulated signals.