

Miniature Wireless Receiver

with Additional Analog Input- Functionality

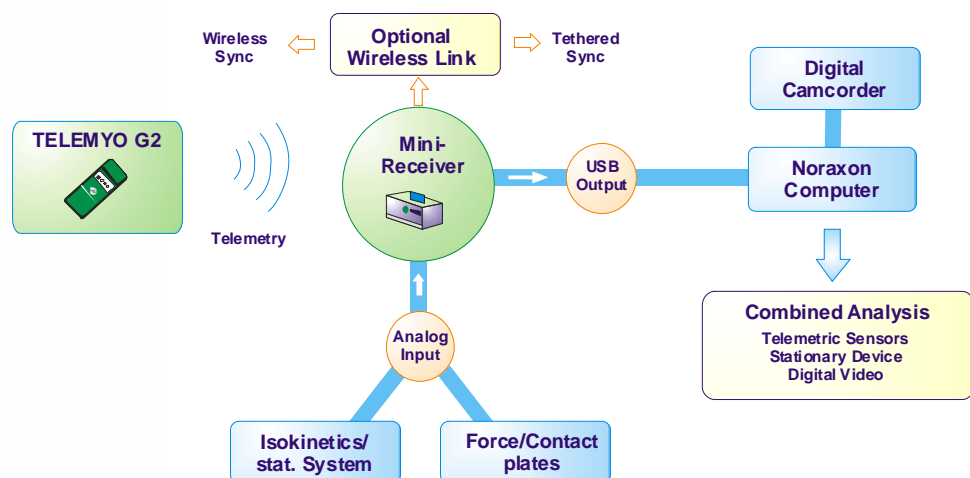
- Can receive 4 to 32 telemetry channels
- Can read in an additional 8 analog input channels
- USB - Output connection to PC
- Combines mobile telemetry with stationary systems without losing wireless mobility
- Max Mobility by USB based Power Supply
- Optional Wireless Sync-Trigger Kit available

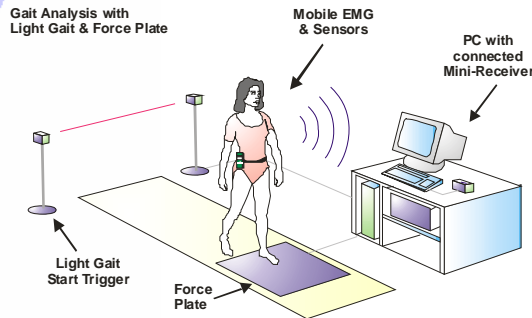


Product Overview

The **TeleMyo™ 2400R Mini Receiver** is an optional accessory item for the portable *TeleMyo 2400T G2 Transmitter System* & wireless *Telemyo DTS System*. Up to 32 telemetry signals can be coupled with other stationary devices while allowing full mobility of the transmitter. It is equipped with 8 additional analog input channels, which allow you to couple up to 32 telemetry signals with other stationary devices like force plates and isokinetics while allowing full mobility of the transmitter.

Data is acquired digitally by a USB/PC interface and *NORAXON's MyoResearch XP* analysis software. *MyoResearch XP's* numerous data export and import functions enable a bidirectional data exchange between various measurement devices. With the *MyoResearch XP* interface, an optional 8 channels of analog input are available at the receiver. This provides an easy interface to stationary systems such as isokinetic machines or force plates



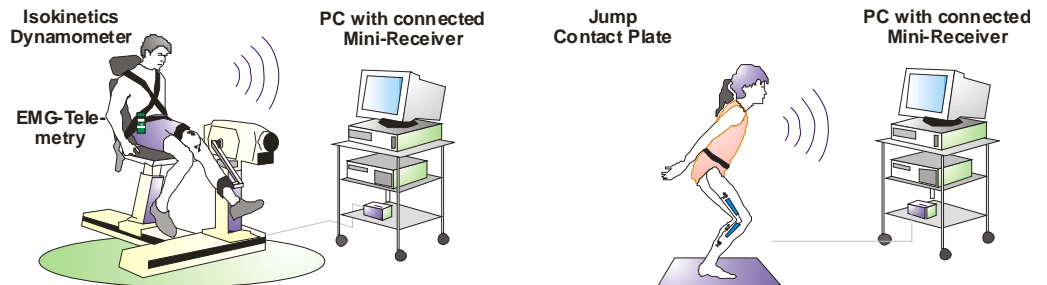


A *TeleMyo 2400T G2* Transmitter System combined with a **TeleMyo 2400 Mini-Receiver** is designed with wireless LAN technology. It can be used in hospitals, research labs, and factory sites even under the most difficult conditions.

Pre-amplified raw EMG signals, force, angle, acceleration, foot switches or any other sensor within the standard measurement range of ± 5 volts can be interfaced with the *2400T G2 Transmitter* and *Mini-Receiver* units. Combined with the ultra-lightweight, portable *2400T G2 transmitter*, the **2400T/Mini-Receiver System** operates in a range of up to 300 feet (100 meters) in line-of-sight and allows for complete freedom of movement.

Features

- Acquires EMG and other analog data simultaneously for easy synchronization
- Ultra-lightweight and portable
- Wireless data collection provides freedom of movement
- Additional 8 channels of analog input at the receiver when used with NORAXON software
- Flexible wireless sync system to simultaneously trigger multiple systems



Specifications

Power Requirements

- Operates using USB power available from the PC connection
- Optional 5VDC external supply at 500 mA using a 110-240 VAC 50/60 Hz external supply

Output & Transmission Frequency

- Up to 100 mW (depending on antenna and country allowance)
- DSSS 2412-2464 MHz on (up to) 11 unique radio channels
- Up to 300 feet (100 meters) in line of sight recordings

Dimensions

- 4.7" L x 2.6" W x 3.3" H; (12 cm x 6.5 cm x 8.5 cm)
- Weight: 10.5 oz / 298 g

The *TeleMyo 2400 G2 Mini-Receiver* is CE certificated.

Analog Inputs

- 8 available channels
- Input range ± 5 V max @ 16 bit resolution
- Input impedance > 1 MOhm
- Software FIR Low Pass filter: 500 Hz or 1000 Hz

Wireless Sync (optional)

- TTL compatible sync inputs and outputs
- Pre-specified carrier frequency: 868 MHz or 914 MHz
- Accepts external sync signals or generates its own sync pulse train

USB

- Mini B-type connector