

# 12-LEAD wireless digital transmitter

THE  
WORLD'S  
ONLY  
DIAGNOSTIC,  
12-LEAD  
TRANSMITTER



## X12+

### P R O D U C T F E A T U R E S

- **Freedom of Movement** –  
The X12+ provides wireless freedom of movement for the patient and clinician during exercise stress testing.
- **Compact and Lightweight** –  
The X12+ has been designed to maximize patient comfort.
- **Diagnostic Quality** –  
Mortara wireless technology features full diagnostic ECG quality.
- **Significant Artifact Reduction** –  
The wireless solution eliminates artifact due to traditional cable movement, resulting in cleaner, higher quality tracings.
- **Comfortable ECG Acquisition for the Patient** –  
The X12+ and LeadForm patient cable are designed to eliminate the cumbersome inconvenience of heavy cabling with prepositioned leads to minimize cabling and maximize comfort.
- **The User Selectable Channels** –  
The X12+ offers a wide range of channels for interference free transmission.
- **Waveform display and Digital Menu Navigation** –  
Full graphic display to preview ECG waveforms and check lead impedance during patient hook-up, channel selection and other set up features.

## X 12 + <sup>™</sup> D I G I T A L T R A N S M I T T E R

Feature	Specifications
Instrument Type	12-lead diagnostic ECG transmitter
Input Channels	Continuous 12-lead signal acquisition and transmission
Standard Leads Acquired	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
Frequency Range*	608.48 to 631.52 MHz, or 2400.96 MHz to 2482.56 MHz
Special Functions	Lead impedance check, ECG display, lead fail, low battery notification, multi-purpose call, 10-wire, 5-wire and 4-wire options.
Defibrillator Protection	In compliance with AAMI standards and IEC 601-2-25
Number of Channels	Up to 256, user selectable
Function Keys	Up/right, down and enter keys for on, configuration menu navigation and call
Device Classification	Type CF defibrillator proof applied parts, battery operated
Weight	4 ounces (125g) without battery
Dimensions	2.5 x 3.5 x .98 inches (64 x 91 x 25 mm)
Battery	1 AA alkaline required

\*Operating frequency range is dependent on the X12+ part number.

## S T A N D A R D A C C E S S O R I E S

- LeadForm 12-lead Patient Cable
- Transmitter Carry Case with Belt and Strap
- User Manual
- Short Form Instruction Card
- 1 AA Alkaline Battery
- Hook-up Kit

### Warranty and Service

Mortara Instrument is committed to the highest level of customer support. Please contact us for the program which will be best suited for your needs.

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 **Mortara INSTRUMENT**  
The World Leader in ECG Technology

<http://www.mortara.com>  
ISO 13485 Certified