Embla ST & ST+ Proxy

Embletta MPR
Versatile, Scalable, Modular and Affordable - You have to see it for yourself!

The Future of Sleep Recording
Technology that Adapts to Your Changing Requirements
Pioneered by Embla in the original Embletta, the Proxy comes of age in the Multi Parameter Recorder with the ST and ST+ Proxies

OCST Taken to the Next Level
By simply adding the ST Proxy to the MPR PG you have all the information you need to stage sleep and determine Sleep Time. True AHI calculation based on True Sleep Time

On Screen Signal Review Takes the Guess Work Out of Signal Quality
By visually confirming the signal quality, you ensure the best possible recording while the patient is in their own bed and outside your ability to intervene

Full Level I and Level II Testing
The ST+ Proxy expands the MPR PG with its Tx Therapy Proxy, into a full Level I PSG system. 6 additional EEG channels, 2 EOG, 3 Chin EMG channels, 2 Limb Movement and 1 ECG in addition to the 22 Channels of the MPR PG with Tx Proxy… with all of the derivative channels, a total of 65 channels of data.

View on Line or After the Fact
The ST+ Proxy allows you turn your Level III portable into a fully functioning Level I PSG system by adding just a computer and video camera. Used in a laboratory, ICU or patient room the MPR PG with ST+ provides the most cost effective system configured for full PSG available today.
# Technical Specifications

## ST Proxy Technical Specifications

<table>
<thead>
<tr>
<th>Signal Recording</th>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling Rate</td>
<td>500 Hz all channels</td>
</tr>
<tr>
<td>Resolution</td>
<td>24bit</td>
</tr>
<tr>
<td>Recorded Channels</td>
<td>8; EEG (C3, C4), EOG1, EOG2, EMG (Chin, Right Leg, Left Leg), ECG.</td>
</tr>
<tr>
<td>Accuracy of calibrated channels</td>
<td>± 3%</td>
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<tr>
<td>Noise Level</td>
<td>1µV typical</td>
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### Power Supply

Power supplied by Embletta MPR PG via ST/ST+ Interface Cable

### Dimensions

Size (length x width x height) 83.0mm x 74.6mm x 19.8mm (3.26" x 2.9" x 0.78")

Weight 115g (4.0oz)

### Used Materials

- Enclosure: PC/ABS
- Endcap mold: Polyamide
- Internal: Copper

### Environmental Usage

- Typical Operating Temperature: 10°C to 40°C (50°F to 104°F)
- Storage / Transfer Temperature: 0°C to 50°C (30°F to 120°F)
- Storage / Transfer Pressure: Withstands atmospheric pressure from 0.5 to 2 bar
- Operating Humidity: 0 to 90% (non-condensing)

### Regulatory Information

Device Class: Class 2a, Rule 10

Safety Approvals: IEC 60601-1

## ST+ Proxy Technical Specifications

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