

R40

Ideal for Routine EEG Applications



Lifelines Neuro's R40 amplifier makes setting up a routine EEG study quick and easy

The R40 amplifier is designed for the busy EEG clinic; for technologists, and patients. With the R40 amplifier, EEG professionals can focus on, and spend time with, their patients. They can prepare them for routine EEG studies more quickly and efficiently.

The R40's inbuilt "D-type" connector gives EEG technologists the choice of using touchproof electrodes or e-caps. It is clearly laid out to show the full international 10-20 system. This includes extended inputs (FT7-FT8-TP7-TP8). Impedance check can be activated directly from the amplifier with pass / fail indicators adjacent to each electrode input, thus allowing the technologist to make any necessary electrode adjustments on the fly. Impedance check level can also be changed from the amplifier. This avoids the need to leave the patient to make adjustments on the computer.



Routine EEG Made Easy

- The high technical specification of the R40 amplifier ensures only the best quality EEG signals are recorded.
- R40 amplifiers can be set up to save EEG data to a micro-SD card without the need to record to a PC.
- The R40 amplifier is a key component of our Clinical and Critical Care Cart Systems, built for hospital EEG.

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Flexible recording inputs

A wide range of monitoring requirements are addressed with two, high-level DC inputs, eight bipolar touchproof inputs, and 32 monopolar EEG channels.

Bluetooth enabled

Monitor and acquire EEG on the host PC using Lfelines' internal Bluetooth wireless module to synchronize video and EEG. Dual PC recording can also be accommodated.

User-friendly layout

The layout of the inputs is based on the International 10-20 system and will be immediately familiar to physicians and EEG techs, making it quick and easy to set up.

Visual impedance checks

The R40 offers visual impedance checks on every channel, making it easy to see if everything is working as it should.



D-type Connector

The D-type connector makes the R40 ideal for use with E-caps such as the Increb Neon Electrode Array Kits.

Ease of operation and set-up

The R40 is designed for ease of operation and set-up.

Easy annotation of patient events

An event button allows the patient to time stamp events during the recording, allowing faster review by the physician.

HD video

The R40 records with synchronization accuracy to one frame, with a USB camera.



Lifelines Photic

The R40 can be used with the Lifelines Photic Stimulator (shown here), which is ideal for photic activation during EEG studies.



Imagine EEG Anywhere®

Ask about an R40 demo today

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