

FTI-1

Audio Visual Frequency Therapie Instrument

PRELIMINARY



The FTI-1 is a Frequency Therapy Instrument for Healthcare professionals.

It is intended to be used with any form of frequency therapies that uses the human body range of 1Hz to 100KHz. Specific care has been taken to make it extremely accurate and noise free, especially in the audible range. This makes it very suitable for Sound Therapies.

It is probably the world's most accurate frequency generating instrument. The output frequency can be exact to 8 decimals or swept from 1mHz to the entire range of 200KHz in 1 to 9 seconds.

Built in Smart card reader for storing patient/client information about his/her current frequencies.

Three programmable filters for VLF, LF and HF frequencies.

Accessories available during 2003:

- High accuracy module that increases the frequency stability from 10 μ Hz to 2nHz.
- Hand held patient control for inputting "good or bad feeling" frequencies.
- Light module that outputs any colour within the entire visible range.
- Pulse oxymeter that collects data from the patient and store that together with the frequency information.
- Remote monitor to display the running program is available now, see next side.

It is made in Sweden with the highest quality components and state of the art engineering.

Different configurations will be offered. The standard model comes complete with headphones, charger, 30 Smart cards and user manual. It is priced at US\$4500.

Technical specifications

Frequency range	1Hz to 100KHz -3dB, 200KHz -6dB
Frequency resolution	10nHz
Frequency stability (standard)	10 μ Hz @ 25Hz @ 25°C
Frequency stability (optional)	2nHz @ 25Hz @ 25°C
Signal to noise ratio	>100dB @ 25Hz
Output	2 x 20dBm, 100mW Sine wave @ 32 ohms
Total Harmonic Distortion	0.005% @ 25Hz @ 32 ohms
Channel Separation	120dB
Optional visual module	2 x 430 - 660nm
Total runtime between charging	aprox. 20h depending on battery age
Runtime after Lowbattery indication	10 - 40 min. depending on battery age
Size WxDxH	257 x 270 x 154mm (10.1"x10.6"x6.0")
Weight	aprox. 5kg (11lb)

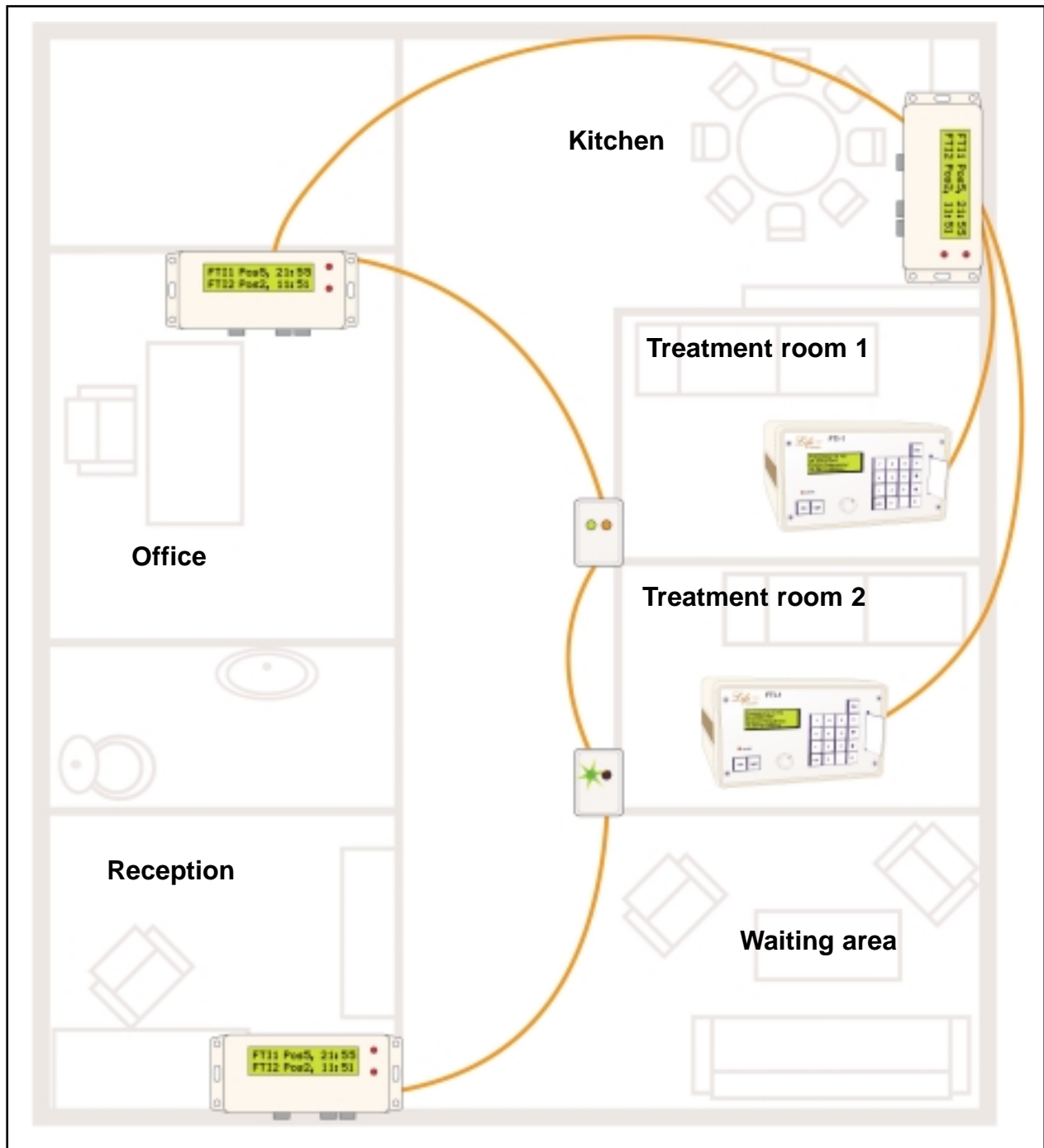
If not otherwise noted, all specifications are approximate and at room temperature with a fully charged new battery. All specifications are subject to change. The FTI device is intended for research only and is not yet approved as electro medical device for use on humans.

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Example monitoring network



The FTI-1 has a network connector (RS-422) that outputs information about the running treatment program to monitoring LCD displays that can be placed anywhere within 300meters (1000ft) of the FTI-1