

Technical Specification

Frequency range
 Sensitivity { mono
 stereo
 Signal plus noise to noise ratio (1 mV, 75 KHz, 400 Hz)
 Stereo channel separation (1 mV, 400 Hz)
 Alternate channel selectivity (\pm 400 KHz)
 AM suppression (FM - 75 KHz, AM - 30%, 1 mV)
 Total harmonic distortion (1 mV, 75 KHz, 400 Hz)
 AFC pulling range ($>$ 10 μ V, 75 Ohm)
 Antenna input impedance
 Audio output loading impedance (allowed both channels)
 Audio output impedance without 19/38 KHz filter
 Audio output impedance with 19/38 KHz filter (somewhat frequency dependent)
 Audio output level ($>$ 2 μ V, 75 KHz) unloaded
 SCA rejection
 IF rejection
 IF bandwidth (3 dB)
 IF frequency
 Radiation (antenna terminal voltage, 75 Ohm)
 Power requirements (220 V or 240 V \pm 10%, 48 - 62 Hz)

87,5-104,5 MHz
 1 μ V
 15 μ V
 67 dB
 40 dB typ.
 55 dB
 55 dB
 0,1% typ.
 \pm 400 KHz
 75/300 Ohm
 $>$ 15 k Ohm
 3 k Ohm
 appr. 3 k Ohm
 1600 mV
 55 dB
 80 dB
 $>$ 210 KHz
 10,7 MHz
 $<$ 500 μ V
 6 Watt

**BUILD YOURSELF
 A STEREO TUNER**

- that is completely up to date with all features which the electronics of 1978 makes possible.

The Larsholt module system designed for the "do it yourself enthusiast", with only a screwdriver and a soldering iron.

The complete Signalmaster Mark-8 consists of 5 modules, of which the tuner module and stereodecoder are assembled and adjusted at the factory. The remainder are kits. Assembling the kits requires only mechanical mounting and soldering work on the pretinned print-boards, which are clearly marked with each component position. The comprehensive assembly instructions will assist you with every detail.



Width: 333 m/m
 Height: 65 m/m (+ feet 6 m/m)
 Depth: 193 m/m (+ knobs)

The eighth generation of the Signalmaster series is a tuner which has grown out of many years of experience, in fact since the 1920's. The Signalmaster Mark 8 is built up around the Larsholt Euro-tuner module 7252 which is delivered assembled and adjusted. This module, which Larsholt supply to well known professional producers of Hi-Fi receivers, has obtained an Inter-european appreciation not alone for the high sensitivity, but because it is especially effective for reception in the North West European areas, where the radio channels are congested with powerfull transmitters.

- * The Signalmaster Mark 8 can be programmed for 5 stations besides manual tuning.
- * Analogue computer controlled (automatically searching across the FM band, with a short stay on all but the very weak stations). You can stop the scanning on any selected program.
- * Muting is incorporated to mask noise between the stations. * Mono switch - to suppress noisy stereo transmissions.
- * Frequency meter and signal strength meter, also balanced LED's for correct tuning indication.
- * Automatic gain control and I/C controlled AFC, which can be disabled. * Pilot tone filter - removes 19 & 38Khz.