Product Information Sheet January 1996

KREMLIN

Following a period of four years, Linn introduced the Kremlin FM Tuner.

Listening to radio is one of the simplest and best ways to learn about music and appreciate different kinds of music. The Kremlin is designed to play music using all the advantages of modern micro-processor controlled, synthesised tuner can offer.

Using the same remote control as the Kairn preamplifier, operation of the Kremlin is very similar. The ease of control belies the fact that this is a full function tuner. Manual tuning is in 10 kHz steps, and the Kremlin has automatic scan tuning and pre-set memory tuning, with 80 pre-sets for comprehensive broadcast monitoring.

A very wide range signal strength meter works with the adjustable mute/scan threshold to make light of setting up the tuner with its aerial to match local reception conditions. The control circuitry offers improved receiving performance over so-called analogue tuners. The synthesised local oscillator generates a very clean, stable frequency giving ‘no-drift’ tuning and noticeably better sound quality.

Particular care was taken to achieve very good overload performance without sacrificing sensitivity, important so that weak stations can be received clearly in today’s crowded wavebands.

With the advent of more diverse radio, and an increase in quality live broadcasts, the Kremlin offers the finest means to access broadcast music.

For more Information please contact Linn Products Ltd
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Kremlin Technical Information

2 RF sources to allow an aerial and cable system to be connected. Built-in power supply can be connected to either input to energise a remote RF preamplifier.

Duplicated audio outputs to facilitate connection to the preamplifier of a main system and to the controller of a Knekt multi-room sound system using standard phono cables.

Remote In/Out connections for wired remote control from the Knekt system.

Display shows the frequency, pre-set memory number, signal strength, scan tuning status, mono/stereo state, fine-tuning and RF input selection. All functions are controlled by nine buttons on the front-panel or by the remote-control handset. The numeric keypad on the handset allows direct entry of the tuning frequency or the preset number.

Dimensions

Width	320mm
Depth	326mm
Height	80mm
Weight	4.8 kg

Inputs

Aerial and cable inputs - 75 ohms unbalanced, F - type connector

Power supply for external RF amplifier
- Voltage 13.7 V Current 40mA maximum (short-circuit protected)
- Supply can be switched to either or both RF inputs

Remote Input - current loop remote control input
- Maximum DC current source - 40 mA (short-circuit protected)
- Sensitivity - 5 mA differential signal current
- Bias voltage - 10 V (to power remote IR sensors)

Outputs

2 x audio outputs - unbalanced RCA phono
- Output impedance - 100ohm Minimum load - 1 kilohm output level - 830 mV rms into 1 Kilohm at +/- 75 peak deviation

Remote output - current loop remote control output

Output signal current - 6 mA

Tuning

Tuning range 87.5 - 108.5 MHz or 75.5 - 90.5 MHz depending on territory

Tuning resolution - 10 kHz
Manual tuning speed varies automatically

Scan tuning interval 100 kHz - fast scan, 50 kHz - slow scan
Scan tuning speed varies automatically

Pre-set Memory Tuning
80 memories store the tuning frequency, the RF input selection and the state of the MONO function
Individual pre-sets can be erased. All pre-sets can be erased in one operation

Signal strength meter
Range 1- 120 dBuV

Mute/Scan-tuning threshold
Default setting - 25 dBuV User adjustable between 3 and 80 dBuV