

# LUXMAN

## Total Absorption

The sky . . . charged with flashing aurora  
and rumbling thunder.  
Countless radio waves stream through the chaos.  
From the shower of signals, a superb device  
plucks precisely what is wanted.

Radio waves converted to clear, clean sound.  
Weak signals strengthened, noise eliminated.  
Unstable signals reborn as vividly beautiful sound.

The Luxman T-210L MW/LW/FM Stereo Tuner invites you  
to a world of blissful sonic communion.

Experience the delight of total absorption in sound — from Luxman.

MW/LW/FM Stereo Tuner

# T-210L



LUX CORPORATION

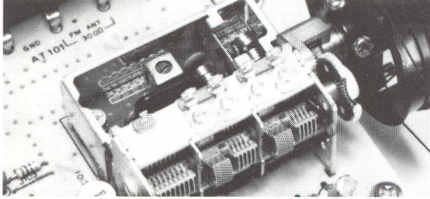
## A New Analog Tuner with the Best Cost-Performance Ratio offering 3-band (MW/LW/FM) Reception.

MW/LW/FM Stereo Tuner

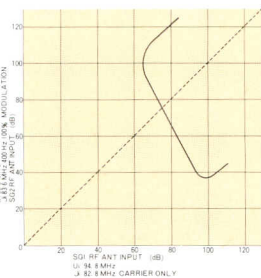
# T-210L

### Newly Engineered Frontend

The FM section features a small, precision 3-gang variable-capacitor in combination with high-performance FET junction circuitry, which ensures stable and reliable tuning. While the AM section employing a polyester film in between the pole plates offers ex-



cellent performance with large capacitance and low loss. Thanks to such new frontend and improvement in the peripheral electric circuitry, the RF IM, spurious response and S/N ratio are dramatically upgraded. Especially with the LW reception, both of the spurious response and S/N ratio are improved by 2dB as compared with the predecessor model T-1L.

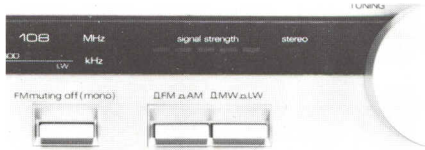


### Flash Dial Pointer

For easy and accurate tuning the dial pointer blinking while detuned in the inter-station status stays lit when exactly tuned-in, to play the role of tuning indicator. The signal strength indicator using 5-dot LED's precisely displays the strength of wide-range input signals with good linearity.

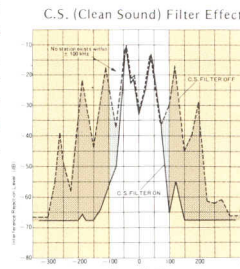
### FM Muting Circuit

The T-210L is provided with the Lux's exclusive muting control circuit, and thump noises are drastically suppressed at the time of muting operation, ensuring pleasant tuning. While the muting circuit that removes inter-station noises is a convenient device, but it does not allow to receive weak signals. To solve this problem, the T-210L employs the "muting-off" switch, enabling to receive such feeble signals below the threshold level. When the muting is released, the output is automatically changed into the monaural mode to reduce the noise level.



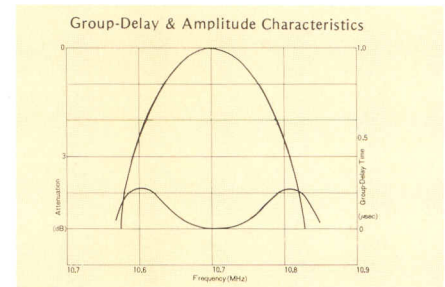
### Anti-Birdie Filter (Clean Sound Filter)

At FM stereo, the incorporated anti-birdie filter sharply cuts off the ultra high frequency components of harmful nature, and so-called "birdie" beat noises triggered by adjacent stations can be effectively eliminated to provide good signal-to-noise ratio. The superior characteristics of the Lux's proprietary CS filter fabulously contribute to realize the clear FM reception even under adverse aerial conditions, without deteriorating inherent performance like stereo separation, distortion, etc.



### High Selectivity IF Filter & Super-Wide Bandwidth Detector (FM)

Here, quality linear-phase ceramic filters having excellent group-delay characteristics are used as the case of the top-notch tuner, which, in combination with the super-wide FM detector the LUXMAN T-530 and T-230 employ to provide total linear response range of 5MHz, make compatible both of the high selectivity and low distortion.



### High Class Low-Pass Filter (FM)

The low-pass filter offering flat phase characteristics is inserted in between the MPX output and output terminals, which removes such harmful components as carrier leakage, etc. to provide clear sound quality. At the same time, completely eliminated is the possibility of adverse effect given to external components such as tape-deck, etc.

### High Performance Constant Voltage Power Supply

The entire circuitry is operated by the highly stable, low-noise, low-impedance constant voltage power supply section, which ensures unconditionally stable performance at all times.

### SPECIFICATIONS / T-210L

#### < FM Section >

Usable Sensitivity 75Ω/300Ω 0.95μV/1.9μV (10.8dBf)  
50dB Quieting Sensitivity 75Ω/300Ω 1.75μV/3.5μV (16.0dBf)

Signal-to-Noise Ratio at 65dBf	mono	75dB
	stereo	72dB
Frequency Response	30Hz - 15,000Hz (within ±1dB)	
Distortion at 65dBf	mono	100Hz 0.15%
	mono	1kHz 0.15%
	mono	6kHz 0.3%
	stereo	100Hz 0.25%
	stereo	1kHz 0.2%
	stereo	6kHz 0.3%

Image Response Ratio	45dB
Alternate Channel Selectivity	65dB (75kHz dev./±400kHz) 55dB (40kHz dev./±300kHz)
IF Response Ratio	more than 90dB
Spurious Response Ratio	more than 80dB
AM Suppression Ratio	55dB
Capture Ratio at 65dBf	1.5dB

Stereo Separation	100Hz	30dB
	1kHz	40dB
	10kHz	30dB

Muting Threshold 5μV  
Output Level 700mV (100%mod.)

#### < MW Section >

Usable Sensitivity 58dB/m  
Signal-to-Noise Ratio 45dB  
Image Response Ratio 45dB  
IF Response Ratio 36dB  
Distortion 0.6%  
Output Level 220mV

#### < LW Section >

Usable Sensitivity 66dB/m  
Signal-to-Noise Ratio 40dB  
Image Response Ratio 43dB  
IF Response Ratio 32dB  
Distortion 1.3%  
Output Level 200mV

#### < General >

Power Consumption 7 watts  
Dimensions 453mm(W) x 244mm(D) x 77mm(H)  
Weight Net 2.8kgs  
Gross 3.6kgs

\* Specifications and design subject to change without notice.



A recommended system including the T-210L is the LUXMAN PD-284 Turntable, L-220 (or L-210) Integrated Amplifier, K-210 Cassette Deck.

AUTHORIZED DEALER



## LUX CORPORATION

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