



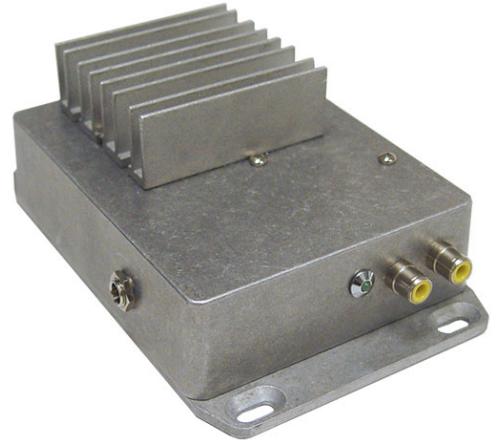
LX-1000CH

Special Audio/Video Transmitter

for 1000 MHz band

Transmitter model LX-1000CH4 is fully synthesized audio/video transmitter for all UHF channels in 430-918 MHz range. It comes with a special receiver M-808. The RF power output is 2000 mW. Special video transmitter LX-1000CHE with built-in encryption modules is available on request.

Sold exclusively to Government agencies or Military forces.



Technical Specifications	
Operating Frequencies:	430-918 MHz band
Channels:	Internally selectable
DC Voltage:	12 V – 14.4 V
RF power:	2000 mW
Minimum required voltage:	12 V
Battery power:	12.6 V
Video distortion:	3%
Maximum range:	3000 ft los + (300 m on the Ground)
Video Format:	NTSC (PAL available on request)
Current Consumption:	480 mA / 12 V
Audio input:	300 mV
Antenna Connector:	BNC
Impedance:	50 ohms
Video Connector:	BNC
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-20 +75* C
Dimensions:	4.5 " X3.5 " X 1.3 "
Weight:	820 grams
Modulation:	Negative AM

Transmitting channel's list for LX-1000CH Video transmitter NTSC TV system

TV AIR BROADCAST CHANNELS

Channel	Video	Sound
14	471.2500	475.7500
15	477.2500	481.7500
16	483.2625	487.7500
17	489.2500	493.7500
18	495.2500	499.7500
19	501.2500	505.7500
20	507.2500	511.7500
21	513.2500	517.7500
22	519.2500	523.7500
23	525.2500	529.7500
24	531.2500	535.7500
25	537.2500	541.7500
26	543.2500	547.7500
27	549.2500	553.7500
28	555.2500	559.7500
29	561.2500	565.7500
30	567.2500	571.7500
31	573.2500	577.7500
32	579.2500	583.7500
33	585.2500	589.7500
34	591.2500	595.7500
35	597.2500	601.7500
36	603.2500	607.7500
37	609.2500	613.7500
38	615.2500	619.7500
39	621.2500	625.7500
40	627.2500	631.7500
41	633.2500	637.7500

Channel	Video	Sound
42	639.2500	643.7500
43	645.2500	649.7500
44	651.2500	655.7500
45	657.2500	661.7500
46	663.2500	667.7500
47	669.2500	673.7500
48	675.2500	679.7500
49	681.2500	685.7500
50	687.2500	691.7500
51	693.2500	697.7500
52	699.2500	703.7500
53	705.2500	709.7500
54	711.2500	715.7500
55	717.2500	721.7500
56	723.2500	727.7500
57	729.2500	733.7500
58	735.2500	739.7500
59	741.2500	745.7500
60	747.2500	751.7500
61	753.2500	757.7500
62	759.2500	763.7500
63	765.2500	769.7500
64	771.2500	775.7500
65	777.2500	781.7500
66	783.2500	787.7500
67	789.2500	793.7500
68	795.2500	799.7500
69	801.2500	805.7500

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CABLE TV CHANNELS

Channel	Video	Sound
54	403.2500	407.7500
55	409.2500	413.7500
56	415.2500	419.7500
57	421.2500	425.7500
58	427.2500	431.7500
59	433.2500	437.7500

Channel	Video	Sound
60	439.2500	443.7500
61	445.2500	449.7500
62	451.2500	455.7500
63	457.2500	461.7500
64	463.2500	467.7500
65	469.2500	473.7500

900 MHz FREQUENCY CHANNEL LIST:

CH 01 - 892 MHz	CH 02 - 898 MHz	CH 03 - 900 MHz	CH 04 - 902 MHz
CH 05 - 903 MHz	CH 06 - 906 MHz	CH 07 - 908 MHz	CH 08 - 910 MHz
CH 09 - 912 MHz	CH 10 - 915 MHz	CH 11 - 916.650 MHz	CH 12 - 918 MHz

CHANNEL SETUP FOR LX-1000CH VIDEO TRANSMITTER

80	40	20	10	8	4	2	1
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EXAMPLE FOR CH 68 UHF AIR

SET TO ON POSITION (DOWN) FOLLOWING SWITCHES: 40, 20 and 8 = 68

EXAMPLE FOR CH 59 C (CABLE 433.25 MHz) UHF

SET TO ON POSITION (DOWN) FOLLOWING SWITCHES: 40, 20, 10 and 8 + 1 = 79 (59 CABLE)

900 MHz SETUP:

EXAMPLE FOR CH 11 (916.6 MHz)

SET TO ON POSITION (DOWN) FOLLOWING SWITCHES: 8 + 2 + 1