

Low Power Devices and 70 cm Amateur Radio

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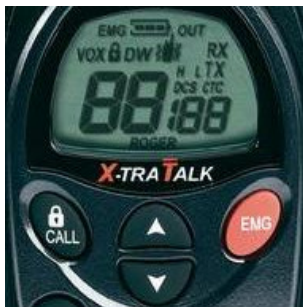
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This document is still under construction.

Introduction

- Unlike Private Mobile Radio [PMR446](#) 500 mW ERP
- Low-Power Device [LPD433](#) 10 mW
- [70 cm bandplan of IARU Region 1](#)
- Low-Power Wide-Area Network [LPWAN](#) in Region 2
- [433.92 MHz for remote keyless car locks](#) of European, Japanese and Asian cars

LPD433 channels



Midland G9

The 69 channels of LPD433 are listed with their respective frequency in the table below. Channel numbers in *italic* have a frequency with a specific use in the amateur radio [70 cm bandplan of IARU Region 1](#) or are in the vicinity of 433.92 MHz, the frequency for [remote keyless car locks](#) of European, Japanese and Asian cars. Hence, try to avoid the channel numbers in *italic*. **Boldface channel numbers are normal-**

ly safe to use for interference free LPD433 traffic.

Table 1: LPD433 channels, frequencies and their amateur radio Region 1 bandplan use

ch	f (MHz)	region 1 amateur bandplan	ch	f (MHz)	region 1 amateur bandplan	ch	f (MHz)	region 1 amateur bandplan
1	433.075	repeater input	24	433.650	digital communication	47	434.225	
2	433.100	repeater input	25	433.675	digital communication	48	434.250	
3	433.125	repeater input	26	433.700	digital communication	49	434.275	
4	433.150	repeater input	27	433.725	digital communication	50	434.300	
5	433.175	repeater input	28	433.750	digital communication	51	434.325	
6	433.200	repeater input	29	433.775	LoRa APRS 434, digital communication	52	434.350	
7	433.225	repeater input	30	433.800		53	434.375	
8	433.250	repeater input	31	433.825		54	434.400	
9	433.275	repeater input	32	433.850		55	434.425	
10	433.300	repeater input	33	433.875		56	434.450	digital communication
11	433.325	repeater input	34	433.900		57	434.475	
12	433.350	repeater input	35	433.925	car locks on 433.920 MHz	58	434.500	
13	433.375	repeater input	36	433.950		59	434.525	
14	433.400	SSTV FM/AFSK	37	433.975		60	434.550	
15	433.425		38	434.000	digital experiments	61	434.575	
16	433.450	digital voice calling	39	434.025		62	434.600	
17	433.475		40	434.050		63	434.625	
18	433.500	FM calling	41	434.075		64	434.650	
19	433.525		42	434.100		65	434.675	
20	433.550		43	434.125		66	434.700	
21	433.575		44	434.150		67	434.725	
22	433.600		45	434.175		68	434.750	
23	433.625	digital communication	46	434.200		69	434.775	



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