

## Specification CLR 200WB & CLR200

### General:

Power supply	230V 40VA
Antenna connectors	N
Audio connector (s)	XLR 3 male / female
Dimensions	1U 19 "depth 280mm

### Receiver CLR 200WB

Number of channels	16	adjustable on front
Frequency range	VHF UHF	174 - 230 MHz 556 – 606 MHz
Switching band width	> 50 MHz	
Frequency step	25 – 100 kHz	programmable.
IF	1 <sup>e</sup> IF 125 MHz	2e IF 10,7 MHz
IF band width	180 kHz	
Antenna connection	N	2x diversity
Audio connections	XLR	
Led bar	10 led	2x RF 1 uV -
1000 uV	10 led	audio -24 / +
6dBm		
Mute signalling remote	led	internal adjust, extern via
RF + audio specifications		
Sensitivity for 20dB Sinad	< 1,0 uV	typical 0,7 uV
Image rejection	> 70 dB typ.	
Blocking 50 MHz	> 80 dB	
Spurious	> 76 dB	typical > 80 dB
IM 3 <sup>e</sup>	> 76 dB	typical > 80 dB
Input IP3	> 6 dBm	typical > 10 dBm
Audio output level	0 dBm 6 dBm	a-symmetric non floating symmetric non floating
De-emphases	50 us	
Distortion	0,5 % typical	0,7 % max
Audio 20 Hz – 15 kHz mono	+/- 1 dB	
mono signal to noise versus field strength HF signal	(Typical) 2 uV 40 dB 10 uV 54 dB 100uV >60 dB	HD=HIDYN 70 dB 90 dB 90 dB
Channel separation	> 50 dB (transmitter Receiver combined)	

Optional Hi Dynamics audio available

## Specification CLR 200WB & CLR200

### Receiver CLR 200

Number of channels	16		adjustable on front
Frequency range	180 - 220 MHz		(470 – 860 UHF)
Switching band width	8 MHz		
Frequency step	25 – 100 kHz		programmable
IF	10,7 MHz		(UHF 50,7 MHz + 10,7 MHz)
Led bar	10 led	2x	RF 1 uV - 1000 uV
	10 led		audio -24 / + 6dBm
mute signalling	led		intern adjustable, extern optional
RF + audio specifications			
Sensitivity for 20dB Sinad	< 1,5 uV		0,8 uV typ. 1x receiver 1,2 uv for 2 x receiver
Blocking 50 MHz	> 60 dB typ.		
IF Bandwidth	> 80 dB		
Image rejection	240 kHz		
Output level audio	0 dBm		a-symmetrical
	6 dBm		symmetrical
de-emphases	50 us		
Distortion	0,3 % typical		0,7 % max
Audio 20 Hz – 15 kHz	+/- 1 dB		
mono signal to noise versus field strength	(Typical)		HD=HIDYN
HF signal	2 uV 40 dB		70 dB
	10 uV 54 dB		90 dB
	100uV >60 dB		90 dB
mono signal to noise versus field strength	(Typical)		
HF signal	10 uV 40 dB		60 dB HD
	100uV 60 dB		90 dB HD
	200uV 65 dB		90 dB HD
Channel separation	> 50 dB		(transmitter Receiver combined)

Optional Hi Dynamics audio available