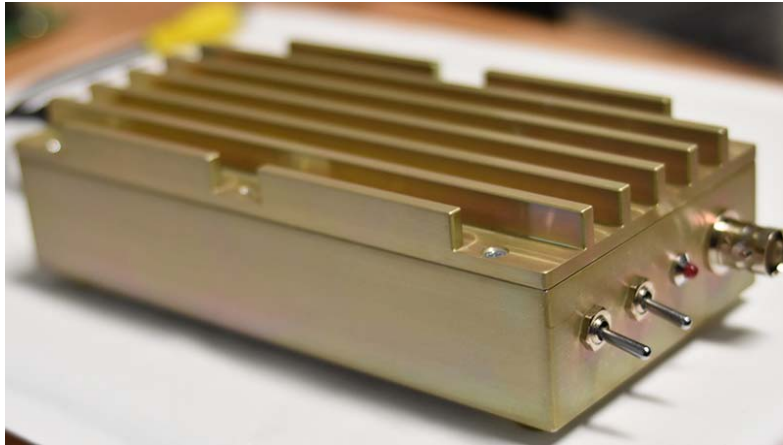




# GXHD-68 DIGITAL HD STEADICAM VIDEO SENDER FOR ALL TV CHANNELS



This is a new HIGH DEFINITION UHF Steadicam Video sender for any Digital TV channel from CH 14 UHF to CH 69 UHF Air DIGITAL TV band and all DIGITAL CABLE channels. This video sender is designed for Steadicam users or TV and Film production. This unit out performs all kinds of video senders on the market! Range is up to 600 ft line-of-sight using High-gain antennas, over 1 km with a high power unit. This sender has excellent color picture quality with a built-in video filter and amplifier for excellent color quality. The video sender was built in a solid metal box and the unit measures: 6" X 3" X 0.9". It is easy to change the channel by dip switches on the back panel. Power supply is 12 V or battery pack or Anton - Bauer battery 14.6 V – 24 V. The signal can be received using any TV set digital ready with a high gain antenna for the best range and reception.

Models:

**GXHD-68** low power version    **GXHD-68/H** high power version



# ISDB-T CHART

14	U D D D D D D D	473.143	42	U D U U U U D D	641.143
15	D U D D D D D D	479.143	43	D U U U U U D D	647.143
16	U U D D D D D D	485.143	44	U U U U U U D D	653.143
17	D D U D D D D D	491.143	45	D D D D D U D D	659.143
18	U D U D D D D D	497.143	46	U D D D D U D D	665.143
19	D U U D D D D D	503.143	47	D U D D D U D D	671.143
20	U U U D D D D D	509.143	48	U U D D D U D D	677.143
21	D D D U D D D D	515.143	49	D D U D D U D D	683.143
22	U D D U D D D D	521.143	50	U D U D D U D D	689.143
23	D U D U D D D D	527.143	51	D U U D D U D D	695.143
24	U U D U D D D D	533.143	52	U U U D D U D D	701.143
25	D D U U D D D D	539.143	53	D D D U D U D D	707.143
26	U D U U D D D D	545.143	54	U D D U D U D D	713.143
27	D U U U D D D D	551.143	55	D U D U D U D D	719.143
28	U U U U D D D D	557.143	56	U U D U D U D D	725.143
29	D D D D U D D D	563.143	57	D D U U D U D D	731.143
30	U D D D U D D D	569.143	58	U D U U D U D D	737.143
31	D U D D U D D D	575.143	59	D U U U D U D D	743.143
32	U U D D U D D D	581.143	60	U U U U D U D D	749.143
33	D D U D U D D D	587.143	61	D D D D U U D D	755.143
34	U D U D U D D D	593.143	62	U D D D U U D D	761.143
35	D U U D U D D D	599.143	63	D U D D U U D D	767.143
36	U U U D U D D D	605.143	64	U U D D U U D D	773.143
37	D D D U U D D D	611.143	65	D D U D U U D D	779.143
38	U D D U U D D D	617.143	66	U D U D U U D D	785.143
39	D U D U U D D D	623.143	67	D U U D U U D D	791.143
40	U U D U U D D D	629.143	68	U U U D U U D D	797.143
41	D D U U U D D D	635.143	69	D D D U U U D D	803.143

70	U D D U U U D D	809.143
71	D U D U U U D D	815.143
72	U U D U U U D D	821.143
73	D D U U U U D D	827.143
74	U D U U U U D D	833.143
75	D U U U U U D D	839.143
76	U U U U U U D D	845.143
70	U D D U U U D D	809.143

# ATSC (DIGITAL OVER-THE-AIR)

14.1	UDDDDDD	473	42.1	UDUUUDD	641
15.1	DUDDDDDD	479	43.1	DUUUUDD	647
16.1	UUDDDDDD	485	44.1	UUUUUDD	653
17.1	DDUDDDD	491	45.1	DDDDUD	659
18.1	UDUDDDD	497	46.1	UDDDDUD	665
19.1	DUUDDDD	503	47.1	DUDDUD	671
20.1	UUUDDDD	509	48.1	UUDDUD	677
21.1	DDDUDD	515	49.1	DDUDDUD	683
22.1	UDDUDD	521	50.1	UDUDDUD	689
23.1	DUDUDD	527	51.1	DUUDUUD	695
24.1	UUUDDDD	533	52.1	UUUDDUD	701
25.1	DDUDDDD	539	53.1	DDUDUD	707
26.1	UDUDDDD	545	54.1	UDDUDUD	713
27.1	DUUUDD	551	55.1	DUDUDUD	719
28.1	UUUUDD	557	56.1	UUDUDUD	725
29.1	DDDUDD	563	57.1	DDUUDUD	731
30.1	UDDUDD	569	58.1	UDUUDUD	737
31.1	DUDDUDD	575	59.1	DUUUDUD	743
32.1	UUDDUDD	581	60.1	UUUUDUD	749
33.1	DDDUDD	587	61.1	DDDUUD	755
34.1	UDDUDD	593	62.1	UDDUUD	761
35.1	DUUDUDD	599	63.1	DUDDUUD	767
36.1	UUUDUDD	605	64.1	UUDDUUD	773
37.1	DDDUDD	611	65.1	DDDUUD	779
38.1	UDDUDD	617	66.1	UDDUUD	785
39.1	DUDUDD	623	67.1	DUUDUUD	791
40.1	UUUDDDD	629	68.1	UUUUDUD	797
41.1	DDUUDDD	635	69.1	DDDUUD	803

## Technical Specifications

Operating Frequencies:	470 MHz- 806 MHz
Channel:	DIGITAL TV channels 14-69 UHF AIR + cable UHF channels
DC Voltage:	12 V- 32 V
RF power:	100 mW med. power version (550 mW high power version)
Minimum required voltage:	12 V
Battery power:	12 V - 24 V
HD resolution (HDMI INPUT)	720 P
Video distortion:	0.5%
Maximum range:	From 600 ft - 1 Mile with special antenna
Video Format:	IDSB, ATSC QAM ANALOG TV
Current Consumption:	850 mA / 12 V med. power unit, 1,400 mA high power unit
Antenna:	Rubber ducky included (HD MODEL)
Antenna Connector:	BNC
Impedance:	50 ohms



Model: AN-4786HD  
CH 14 - 69



Model: AN-4786  
CH 14 - 69



Model: AN-450  
Cable CH +14 - 26

## How to use GXHD-68 Video Transmitter

Use only cables provided with the unit. Please make sure that polarity on the cable is correct, the cable that contains 2 RCA inputs (Yellow video input, White audio input) and power input has center positive!

You can use battery 12.6 V DC minimum, maximum allowed voltage for the transmitter is +24 VDC.

The channel setup for the transmitter is included; you can try cable channels (Cable channels have very different frequency setup then OF AIR TV channels).

Examples for OF AIR channels:

CH-14 OF AIR

TRANSMITTER - SET TO ON POSITION (UP) DIGIT 1

2,3,4,5,6,7 DOWN

If you have any questions please contact our tech support

Thanks