



Frequently Asked Questions



v1.0

Gain Settings on the AB4000 EW

29-Aug-22

Question:

How should I set the DIP switches on the AB4000 EW to get the right gain?

Answer:

The AB4000 EW antenna booster amplifies the wireless microphone RF signal in long antenna cable runs. One AB4000 EW can compensate for various cable lengths with a loss of up to 17.5 dB, while providing a flat response when using a RG58 cable. Depending on how many active system components are used, up to two or three boosters can be used in series for extreme long cable lengths.

CLA – CABLE LENGTH ADJUSTMENT

AB4000 EW/BNC						
470-952 MHz						
GAIN 470 MHz	GAIN 700 MHz	GAIN 952 MHz	SW 1	SW 2	SW 3	ATT
15 dB	16,5 dB	17,5 dB	ON	ON	ON	0 dB
13 dB	14,5 dB	15,5 dB	OFF	ON	ON	2 dB
11 dB	12,5 dB	13,5 dB	ON	OFF	ON	4 dB
9 dB	10,5 dB	11,5 dB	OFF	OFF	ON	6 dB
7 dB	8,5 dB	9,5 dB	ON	ON	OFF	8 dB
5 dB	6,5 dB	7,5 dB	OFF	ON	OFF	10 dB
3 dB	4,5 dB	5,5 dB	ON	OFF	OFF	12 dB
1 dB	2,5 dB	3,5 dB	OFF	OFF	OFF	14 dB



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