



Product Specification



TAG-A4RF / TAG-A4RF+

Superior quality stereo digital recorder with integrated long range RF switch

Remote on/off control of the recorder up to a distance of 100m/300ft



- 916 or 868 MHz models available
- Visual / tactile confirmation of recorder status
- Stereo line out and remotely switched supply model available (A4RF+)
- Capable of rapid download speeds of up to 100 MB/min
- VOX enabled



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PROPERTY TAG-A4rf / TAG-A4rf+	SPECIFICATION
Size Metric (mm)	54 x 35.3 x 9
Size Imperial (inches)	2.2 x 1.40 x 0.35"
Storage Temperature	-20°C to 70°C / -4°F to 158°F
Operating Temperature	-5°C to 65°C / 23°F to 149°F
Operating Voltage - external	A4rf: 3.4 to 16v DC, A4rf+: 3.6 to 16v DC
Operating Current - record	15 to 21mA (recorder settings dependent)
Sleep Current	< 1mA
Switching Specifications (A4rf+)	3.6 to 16v DC, maximum 1.5A
Dynamic Range	>90dB (16bit), >80dB (8bit), >60db (4bit)
Signal to Noise Ratio (SNR) 1kHz @-3dB (peak)	>76dB (16 bit) >66dB (8 bit) >44dB (4 bit)
Total Harmonic Distortion (THD)	0.025% (16 bit), 0.1% (8 bit), 1% (4 bit) (typical)
Sample Rates	8kHz, 11kHz, 16kHz, 22kHz
Audio Bandwidth vs. sample rate	50Hz - 3.2kHz @ 8kHz, 50Hz - 4.4kHz @ 11kHz 50Hz - 6.5kHz @ 16kHz, 50Hz - 9.4kHz @ 22kHz
Software Compatibility	Microsoft™ Windows XP or later
Computer Interface	USB Downloader (USB 2.0)
PROPERTY key fob	CONTENTS
Size Metric (mm)	52 x 32.5 x 10
Size Imperial (inches)	2.05 x 1.3 x 0.4"
Operating Voltage	3 x V389 batteries (SR1130W) (internal)
Key switch operations	200 (typical)

KIT TAG-A4rf	CONTENTS
	TAG – A4rf digital recorder and Remote switch Key Fob
	2 x Microphone (1m/3ft cable), 2 x Stubby microphone
	USB Downloader
	9v battery and 9v battery snap
	CR2450 battery pack
	3 x V389 batteries (SR1130W)
	Spare 2 and 6 pin connectors
	Whisper2 and Authenticate software
	Screwdriver and spare screws
	Plastic case and manual

A4RF+ Accessories: Stereo 2.5mm connector output cable. Stereo output flying leads. Power output flying leads cable.
 Optional A4RF+ Optional Accessories: Lemo connector power output cable. JWPF connector power output cable

RECORDING TIME (typical)			
STEREO - Samples	1024MB	2048MB	4096MB
Best quality (22kHz 16bit)	3.4hrs	6.8hrs	13.5hrs
Good quality (16kHz 8 bit)	9.3hrs	18.6hrs	37.1hrs
Longest time (8kHz 4 bit)	37.1hrs	74.1hrs	148.3hrs
MONO – Samples	1024MB	2048MB	4096MB
Best quality (22kHz 16bit)	6.8hrs	13.2hrs	27.1hrs
Good quality (16kHz 8 bit)	18.6hrs	36.4hrs	74.4hrs
Longest time (8kHz 4 bit)	74.3hrs	145.6hrs	298.0hrs