

**The Big Deal**

- Combined plug, battery and transmitter
- Operating in 5.8GHz band
- 24 bit audio
- Ultra low latency
- Cardioid polar pattern
- Full audio integrity by Triple Diversity Algorithm™
- Long Battery Life

Product Overview

stageClix' Wireless microphone can be used together with the 9.5" stageClix receiver. This combination is unprecedented: it is the first (and only) digital wireless system operating in the 5.8GHz-band. The main benefit over a common 2.4GHz-system is an interference free operation in combination with a uniquely low audio latency of < 3msec

Key Features

Feature	Advantages
Operation in 5.8GHz band	Worldwide licence free use No interference of equipment working in 2.4GHz-band
24 bit Digital Audio Transmission	Superior audio quality, no side effects of analog signal compander
Ultra low latency: <3msec	No audible delay and no timing issues on stage
Cardioid pattern	Focussed sound capture and reduced feedback
Charging by receiver	No additional charger required

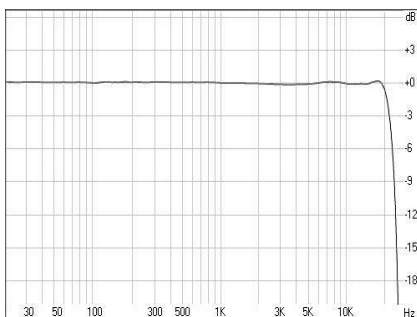
Features

- High audio frequency range: 5Hz – 21kHz
- Low audio noise: -100dBa
- Low audio distortion: <0.07%
- High input impedance: 100kOhm
- Long range: >100m
- Long battery life: 7 hours
- 12 transmitters can operate simultaneously
- Short battery charge time: 1.5 hours

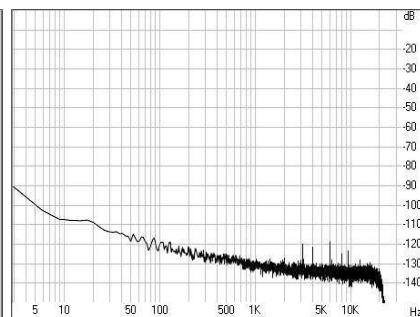
Specifications

Parameter	Typical	Units	Conditions
Audio sampling frequency	44,100	Hz	
Audio frequency response	50 –16,000	Hz	± 1dB
Audio noise level	-100	dBa	Related to $1V_{eff}$, input short circuit
Audio distortion	0.069	%	Full scale input
Audio latency	2.9	ms	
Sensitivity	-54	dB	0dB=1V/Pa at 1KHz
RF frequency band	5725 – 5875	MHz	
RF channels	12		
RF output power	20	mW	max. EIRP
RF spurious and harmonics	< 1	μ W	max. EIRP
Range	> 100	m	Free line of sight
Battery discharge time	> 7	hours	Switched on
Battery charging time	< 1.5	hours	Switched off, plugged in stageClix receiver
Operating temperature	0 – 40	°C	

Audio frequency response



Audio Noise Level



Audio THD+N

