TOA

WIRELESS MICROPHONE

WS-100H-AS

■DESCRIPTION

The WS-100H-AS is a dual handheld 16 channels UHF wireless microphone system featuring a receiver that automatically pairs its frequency with both microphones.

■SPECIFICATIONS

Product Composition	Handheld wireless microphone ···2, Receiver ···1
Frequency Range	487 – 694 MHz
Preset Frequency	16 x 2 channel (Auto Pairing)
Tunable Frequencies	1.8 MHz Steps
Pilot Tone	32.768 kHz
Operating Temperature	–10 °C to +50 °C (14 °F to 122 °F)
Total Harmonic Distortion	1 % or less
Working range	Up to 50 m (Open space)
Accessories	Wire Extension ···1, Wire charging type C ···1

Wireless Microphone

Microphone Element	Dynamic Microphone Unit, Cardioid Characteristic
RF Carrier Power	5 – 10 mW
Audio input Level	120 dB SPL (maximum)
Modulation System	FM
Battery	3.7 V (Lithium Ion 18650) (Not Included)
Battery Life	Approx. 7 hours (3.7 V 1500 mAh) Approx. 14 hours (3.7 V 3400 mAh)
Finish	Aluminum Casting Body with Black Rubber Painting
Dimensions	245 × ø55 mm (9.64" × ø2.17")
Weight	224 g (0.49 lb) without battery

Receiver

Battery	3.7 V (Lithium Ion 18650) (Not Included)
Battery Life	Approx. 7 hours (3.7 V 1500 mAh) Approx. 14 hours (3.7 V 3400 mAh)
Current Consumption	150 mA
Audio Output Level	280 mV, Unbalanced, Phone plug 6.3 mm
Antenna	Fixed antenna
Frequency Response	60 – 15000 Hz
Finish	ABS Resin, Black
Dimensions	95 (W) × 71 (H) × 27 (D) mm (3.74" × 2.80" × 1.06") (exclude antenna)
Weight	42 g (0.09 lb) without battery

Notes : The design and specifications are subject to change without notice for improvement.

* Tabel Frequency

MIC A / CH A			
No	Frequency	No	Frequency
1	490.1 MHz	9	504.5 MHz
2	491.9 MHz	10	506.3 MHz
3	493.7 MHz	11	508.1 MHz
4	495.5 MHz	12	509.9 MHz
5	497.3 MHz	13	511.7 MHz
6	499.1 MHz	14	513.5 MHz
7	500.9 MHz	15	515.3 MHz
8	502.7 MHz	16	517.1 MHz

MIC B / CH B			
No	Frequency	No	Frequency
1	491.0 MHz	9	505.4 MHz
2	492.8 MHz	10	507.2 MHz
3	494.6 MHz	11	509.0 MHz
4	496.4 MHz	12	510.8 MHz
5	498.2 MHz	13	512.6 MHz
6	500.0 MHz	14	514.4 MHz
7	501.8 MHz	15	516.2 MHz
8	503.6 MHz	16	518.0 MHz

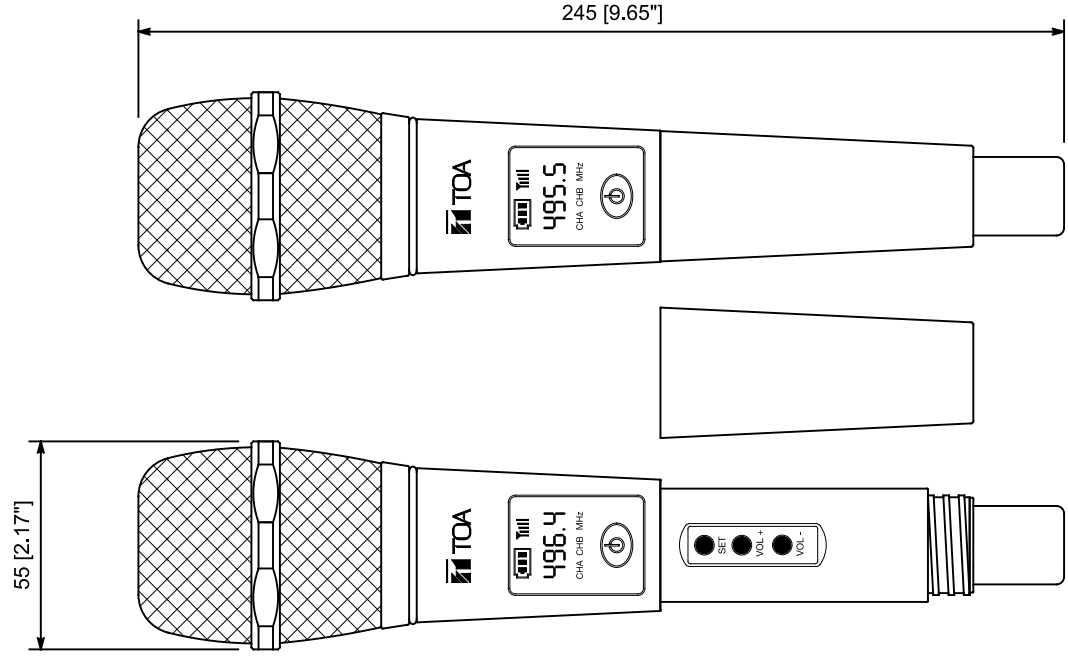
TOA

WIRELESS MICROPHONE

WS-100H-AS

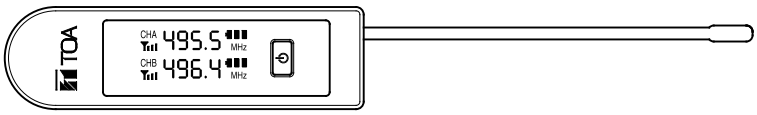
■APPEARANCE

Microphone Handheld

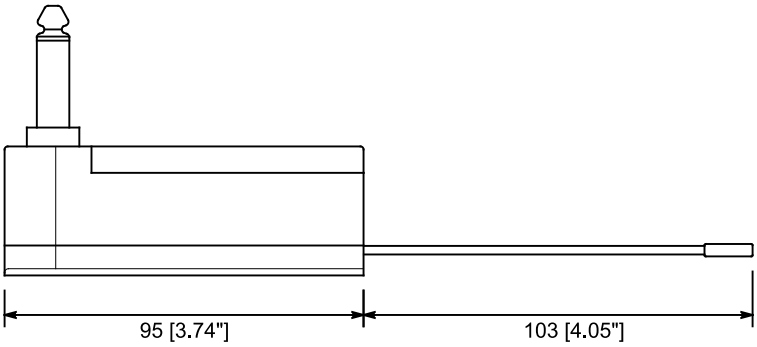


Receiver

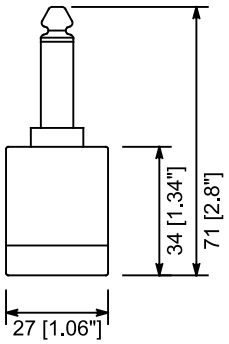
Front View



Side View



Top View



UNIT: mm SCALE: 1/2

SEP/02/2026

TOA Corporation

DWG No: 506426001