

# ACE BACKSTAGE CO., INC. STAGE POCKET SYSTEMS

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# DATA SHEET

Wireless Choir Stick Microphones  
Data Spec Sheet  
Revision: 1/1/2022

<b>Model Numbers:</b>	#CSM-40xW/60xW (where x is element type   C=Cardioid and H=Hypercardioid)
<b>Model Name:</b>	Wireless Choir Stick Microphone
<b>Model Description:</b>	Wireless Choir Stick Microphone using Audio-Technica® Technology

## CSM-40W and CSM-60W CHOIR STICK MICROPHONES

The CSM-60W and CSM-40W series WIRELESS Choir Stick Microphone (CSMW) offers the ability to use wireless technology for a totally portable choir configuration. The WIRELESS CSM provides the performance of an overhead hanging choir microphone by placing the microphone element above and over any choir application. Constructed of a black, space-age aluminum alloy, and fitted with over 2" of gooseneck articulation, both the 40" and 60" models are able to adjust to an exact placement requirement.

Using the provided adaptor cable, the WIRELESS CSM will plug directly into your Audio Technica wireless belt pack transmitter (1-3 gen) allowing the portable Choir Stick Microphone to transmit through your Audio Technica wireless system. The provided W-Clip will secure the transmitter to your existing microphone stand, maintaining a low profile and neat appearance.

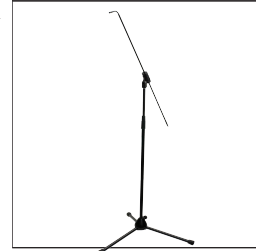
The WIRELESS CSM mounts on any standard microphone stand with any taper body mic stand clip. ACE's proprietary Taper Body Clutch allows the WIRELESS CSM to extend as needed for your specific application and will not become unbalanced or tip over even when fully extended. Use the WIRELESS CSM for adult or children's groups on the stage steps, portable risers, or anywhere.

Featuring Audio-Technica's miniature back-plate condenser elements, with two pickup pattern choices, the WIRELESS CSM allows you to customize a tight pattern to better isolate from other stage noise, or choose a wide pattern to pick up voices all around the microphone for use in theater or production applications. Choose one interchangeable element for each CSMW.

**Each WIRELESS CSM can be used in a WIRELESS or WIRED application.**

One Adaptor Cable is provided for use with your Audio-Technica (1-3 gen), wireless system belt pack. An additional adaptor cable is necessary for use with 4th generation Audio Technica belt packs and can be purchased as an additional accessory W-AC/V4 from ACE.

All CSMs are warranted for one full year then eligible for parts replacement and repair at ACE, for a small fee.



### CHOIR STICK MIC MODEL NUMBERS

- #CSM-40CW .....40" Long Choir Stick Mic w/ 120° Cardioid Element
- #CSM-40HW .....40" Long Choir Stick Mic w/ 100° Hypercardioid Element
- #CSM-60CW .....60" Long Choir Stick Mic w/ 120° Cardioid Element
- #CSM-60HW .....60" Long Choir Stick Mic w/ 100° Hypercardioid Element

### WIRELESS APPLICATION



#### W-CLIP

The W-Clip captures your wireless transmitter against the mic stand for easy connection to the CSMW. The included W-AC Adaptor Cable mates with 1st, 2nd, and 3rd generation AT belt packs. 4th generation systems require an additional adaptor, and can be purchased as W-AC/V4 from ACE.

### WIRED APPLICATION



#### U-U CLIP

The U-U Power Module Clip captures the power module against the mic stand for easy connection with the mating cable when using the Stick Mic in a wired application. Made with state of the art molded plastic, this cup is strong and durable. Available in black.

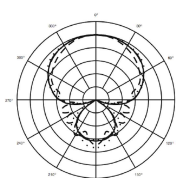
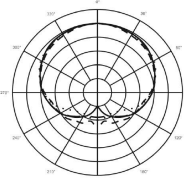
## AUDIO-TECHNICA® ENGINEERED SERIES PARTS

**CHOIR STICK MIC ELEMENTS:** Audio-Technica® elements are interchangeable and the flexible design of the new gooseneck allows greater maneuverability of the condenser while maintaining a sleek, compact appearance.



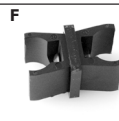
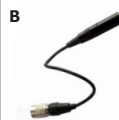
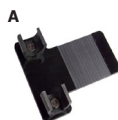
A) Cardioid 120°

B) Hypercardioid 100°



## CHOIR STICK MICROPHONES INCLUDE

- A) W-Clip - Secures your wireless transmitter to any microphone stand
- B) WAC Adaptor Cable - Configured with TA4F & Hirosho connectors for wireless applications
- C) Taper Body Clutch - Allows full balanced extension of microphone
- D) Taper Body Mic Stand Clip - Captures clutch and microphone to your stand
- E) AT Power Module - For use in wired applications
- F) U-U Clip - Secures power module to your mic stand



## CSM-40 and CSM-60 CHOIR STICK MICROPHONES SPECIFICATIONS

MODEL NUMBER	MOUNT TYPE	POLAR PATTERN	ELEMENT TYPE	FREQUENCY RESPONSE	SENSITIVITY <sup>1</sup>	MAX INPUT SOUND LEVEL <sup>2</sup>	DYNAMIC RANGE <sup>3</sup>	SIGNAL-TO-NOISE RATIO <sup>4</sup>
#CSM-40/60	Stick Mic	Cardioid/Hyper-Car	Back Plate - Fixed	30-20,000 Hz	-44 dB (6.3mV)	135 dB SPL	108 dB	67 dB

**COMPATIBLE WITH AUDIO-TECHNICA® 5000, 4000, 3000\*, 2000 AND SYSTEM 10 PRO WIRELESS / DIGITAL WIRELESS SYSTEMS**

\*additional adaptor is required for use with generation 4 wireless belt packs