

PRODUCT DATASHEET

BS-220W

20W Bluetooth Wall-Mount Fashion Speaker

20W | Bluetooth | Built-in Amplifier | App Control | 100V / 70V / 8Ω

The BS-220W is a 20W wall-mount fashion speaker with built-in Class-D amplifier, Bluetooth connectivity, and smartphone app control — combining the flexibility of a self-powered Bluetooth speaker with full compatibility for 100V/70V constant-voltage PA systems. It accepts audio from Bluetooth, AUX line input, or the 100V/70V speaker line, making it the most versatile speaker in the C-Yark PA range. Ideal for premium hospitality environments, retail, and modern office spaces where both music and PA functionality are required.



20W BUILT-IN AMP	BT 5.0 BLUETOOTH	App SMARTPHONE CTRL	100V PA LINE INPUT	AUX LINE INPUT	90Hz+ FULL RANGE	Wall SWIVEL MOUNT
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KEY FEATURES

- ✓ **Built-in Bluetooth 5.0** — Pairs directly with smartphones, tablets, and laptops for wireless background music playback — no separate amplifier or media player required
- ✓ **Smartphone App Control** — Dedicated app enables volume, EQ, source selection, and multi-zone grouping from any iOS or Android device on the same network
- ✓ **Built-in 20W Class-D Amplifier** — Self-powered — connects directly to mains power; no external PA amplifier needed when used in Bluetooth or AUX mode
- ✓ **100V / 70V / 8Ω Input** — Also accepts standard 100V/70V PA line input for integration with existing constant-voltage PA systems — transformer built-in with tap selector
- ✓ **AUX Line Input** — 3.5mm auxiliary input accepts any line-level source — CD players, streaming devices, or zone controllers
- ✓ **Wide 90Hz – 20KHz Response** — Full-range driver with extended high-frequency response delivers rich, detailed sound suitable for music reproduction in premium environments
- ✓ **Wall-Mount Swivel Bracket** — Included adjustable swivel bracket allows horizontal and vertical aim adjustment after installation for precise coverage

INSTALLATION NOTES

- ▶ Requires AC mains power (100–240V); position near a power outlet or run cable in conduit
- ▶ In 100V/70V PA mode: wire to speaker line in parallel; select tap on rear selector
- ▶ In Bluetooth mode: pair from phone; use app for volume and EQ control
- ▶ Adjust swivel bracket angle after wall-mounting to aim speaker at listening area
- ▶ In PA line mode, the built-in amplifier is bypassed — speaker is driven directly by the PA line

TECHNICAL SPECIFICATIONS

MODEL	BS-220W	RATED OUTPUT POWER	20W (built-in amplifier)
BLUETOOTH VERSION	Bluetooth 5.0	FREQUENCY RESPONSE	90Hz – 20KHz
SENSITIVITY	≥88dB (1W/1m)	100V/70V INPUT	Built-in transformer, tap selector
AUX INPUT	3.5mm φ line input	APP CONTROL	iOS & Android app
AMPLIFIER CLASS	Class-D built-in	INPUT POWER	AC 100–240V / 50–60Hz
POWER CONSUMPTION	30W	8Ω IMPEDANCE	Direct low-Z connection
HOUSING MATERIAL	ABS plastic	COLOUR	White
MOUNTING	Wall-mount swivel bracket	OPERATING TEMPERATURE	0°C to +50°C
DIMENSIONS (W×H×D)	Approx. 165 × 235 × 145 mm	WEIGHT	1.5 kg
CERTIFICATIONS	CE, 3C, ISO 9001	WARRANTY	24 Months

3 INPUT SOURCES

Bluetooth 5.0 for wireless streaming, AUX for wired sources, and 100V/70V input for PA system integration — one speaker covers all scenarios without rewiring.

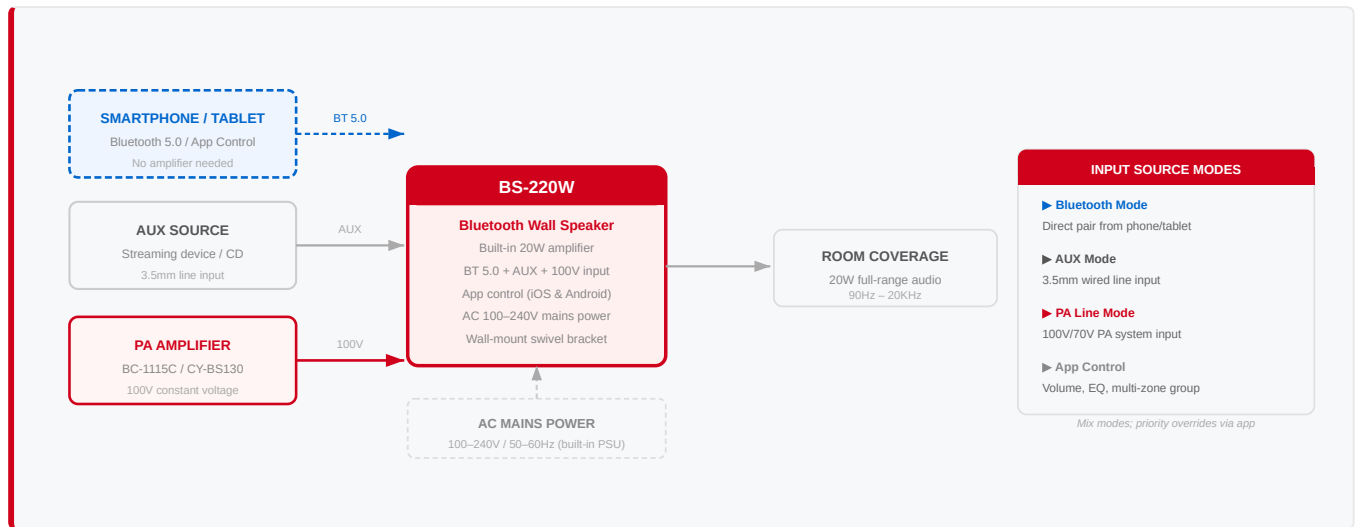
SELF-POWERED DESIGN

Built-in 20W Class-D amplifier means no external amplifier is needed for Bluetooth or AUX playback — just plug into mains and connect your source.

APP-CONTROLLED ZONES

iOS and Android app enables multi-zone grouping, EQ adjustment, and source switching from any smartphone — ideal for dynamic hospitality and retail environments.

INPUT SOURCE ARCHITECTURE



TYPICAL APPLICATION SCENARIOS

<p>Hospitality Hotels & Restaurants</p>	<p>Retail Boutiques & Stores</p>	<p>Corporate Meeting Rooms & Lounges</p>	<p>Education Classrooms & Libraries</p>
<p>Healthcare Waiting Areas & Lounges</p>	<p>Worship Halls & Community Spaces</p>	<p>Government Reception & Lobbies</p>	<p>Residential Common Areas & Gyms</p>

WHY C-YARK

10+ YEARS IN PA	CE CERTIFIED	ISO 9001 QUALITY	3C COMPLIANT
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<p>ORDERING INFO</p> <p>BS-220W — Bluetooth Wall Speaker Includes: swivel wall bracket, power cable Colour: White ABS App: iOS & Android compatible</p>	<p>COMPATIBLE WITH</p> <p>BC-1115C 120W PA Amplifier CY-BS130 120W IP Amplifier CY-BS02B PA Management Software Any 100V / 70V PA speaker line Bluetooth 5.0 source devices</p>	<p>NOTES</p> <p>Specifications subject to change without prior notice. Product images for reference only. © C-YARK · Guangzhou Quanzhiyun Electronic Technology Co., Ltd. DS-BS-220W-EN-052026</p>
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