DATA SHEET

PANACAST 50

Engineered to be the first new-normal-ready intelligent video bar[1]

Sound that astounds.

We've reinvented meeting room audio for modern working, with eight professional-grade microphones and the most advanced beamforming technology that detects human voices, backed up with intelligent algorithms which reduce disruptive noise. An array of four powerful Jabra-engineered speakers – two 50mm woofers and two 20mm tweeters – in a zero-vibration stereo setup fill the room with premium, high-definition audio, while the latest 2-way audio technology delivers more natural conversations.

We've gone all-in on getting you all in.

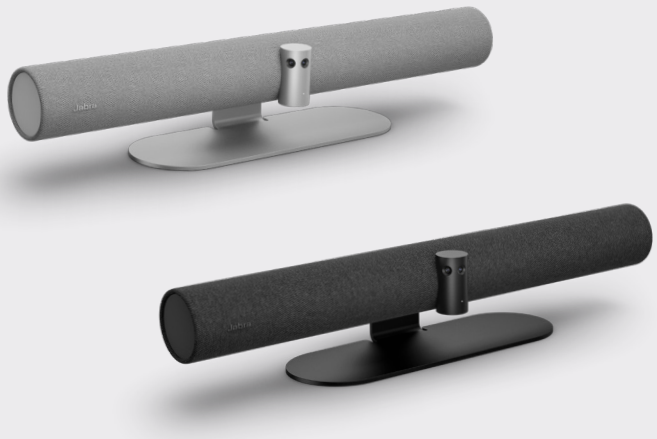
Three 13-megapixel cameras, mounted in a high-precision multi-camera array, create a real-time video stream with our unique 180° field of view. This covers every part of the room – from wall to wall – so whatever work set-up you're running these days, your teams can still meet in person while keeping a safe distance from each other. Crisp, high-definition, patented real-time video stitching technology uses advanced algorithms to decide exactly the right way to live-stitch the three streams together in real time with no latency, creating a smooth, 180° field of view in Panoramic-4K. From single-person calls to full team meetings, our intelligent technology always includes everyone in the most optimum way[2]. It's videoconferencing, but not as you know it.

Fully immersive meetings, for everyone.

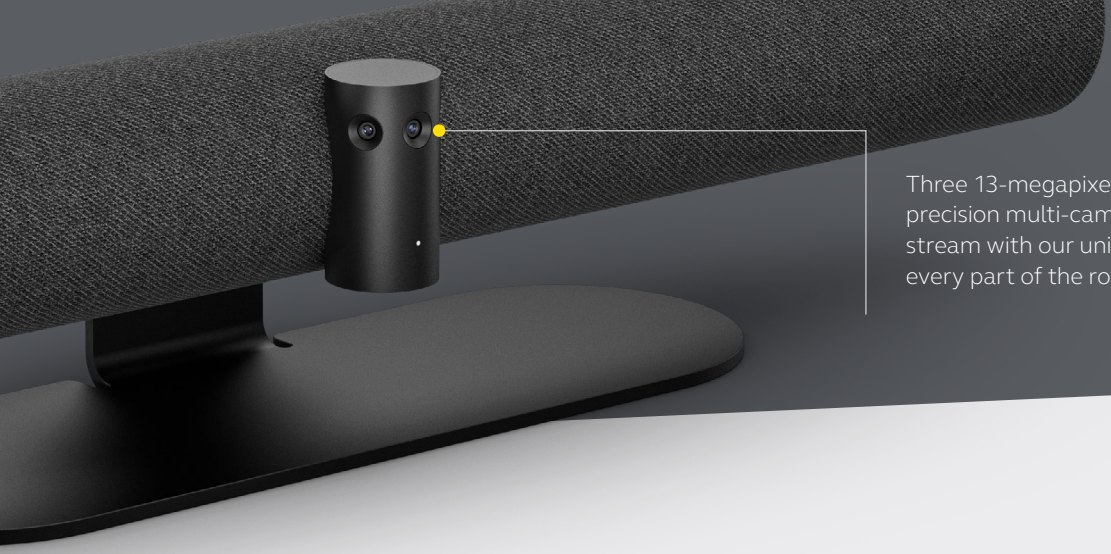
Virtual Director uses both AI-based video and audio streams, as well as our proprietary intelligent algorithms, to automatically adjust the frame according to what's happening in the meeting, detecting active speakers to deliver a remote meeting experience that's fully immersive and responsive. At the same time, this intelligent software uses our AI technology to understand what's happening in the room and react accordingly, perfectly framing active speakers. The result is a meeting experience that's been completely reinvented, making remote collaboration more dynamic with a real human touch[2]. So you and your colleagues can stay connected, no matter how physically separated you might be.

Safety insights & guidance make your meeting rooms safe again.

Safety Capacity and Room Usage Insights generate anonymous room occupancy data for your meeting rooms, with our immersive 180° field of view covering the whole room, so everyone's in the frame. As well as two OS-dependent video streams, a third independent data stream maintains a constant 180° view, ensuring full room coverage for PeopleCount data, even when both video streams are zoomed in on a specific person or piece of content. PanaCast 50 will automatically notify you (and whoever is in the room) in real time, as soon as your pre-defined room occupancy guidelines are breached. Visual dashboard data allows you to analyse your meeting history to determine trends in safe room usage and take data-driven action accordingly. With this wealth of data, the PanaCast 50 will be an instrumental tool in helping you decide how to reconfigure your office spaces for a safe return to work in 'the new normal'.



[1] See facts on jabra.com/commercial-claims
[2] Choose between Virtual Director and Intelligent Zoom via Jabra Direct and Jabra Xpress



Three 13-megapixel cameras, mounted in a high-precision multi-camera array, create a real-time video stream with our unique 180° field of view. This covers every part of the room – from wall to wall.

Share your whiteboard with the world.

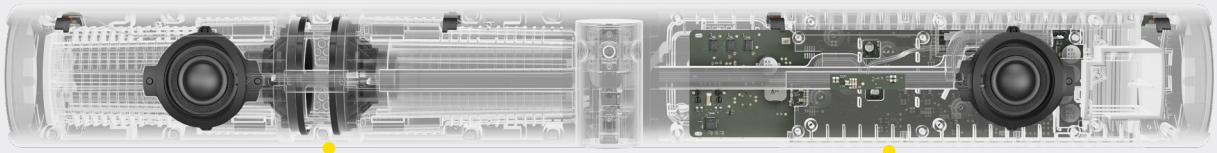
We've reinvented the whiteboard for modern working, with our innovative new whiteboard streaming feature. Our 180° field of view allows you to share your whiteboard content in real-time, even if it's angled sharply away from the camera, so everyone in the meeting can see what's on the board, whether they're in the room or not. Our intelligent software automatically corrects the perspective to ensure the best view, while enhancing the image in real-time, reducing shine, gloss, and shadows and enhancing colour and contrast of marker strokes. Once set-up in Jabra Direct is complete, your whiteboard will be visible to anyone in the meeting, wherever they are in the world, with the dual video streams allowing you to display both the whiteboard and those present in the meeting at the same time. And unlike other brands, the feature is built in, so there's no need to buy a separate whiteboard camera.

Ultra-advanced system architecture.

The audio, video and intelligence experiences delivered by PanaCast 50 are architected by nine powerful Edge processors, including two state-of-the art Edge AI processors, specifically engineered for audio and video. This ultra-advanced system architecture enables Jabra PanaCast 50 to carry out real-time integration of audio, video and data. This powers features like our always-on PeopleCount, which counts the number of people present in the room, even when PanaCast 50 is not connected to a computer. This provides accurate room insights 24/7, based on a constant 180° data field-of-view, even when the two concurrent video streams are focused on content or zoomed in on individuals. This unique system architecture powers all the outstanding features of PanaCast 50 – such as Virtual Director, which utilises the video, audio and data streams to work faster, more accurately and more securely – and allows us to deliver a meeting experience that's not just better, it's completely reinvented.

UC-certified means UC-satisfied.

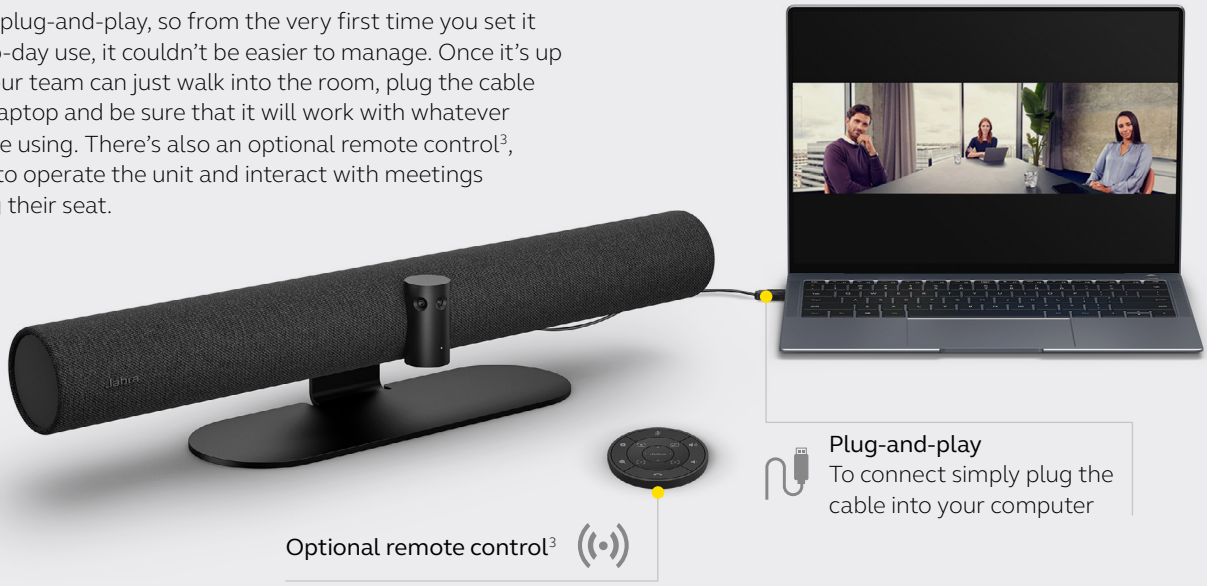
PanaCast 50 is optimised for all leading UC platforms. As well as being certified for Microsoft Teams and certified for Zoom, PanaCast 50 is also a certified device for use with Microsoft Teams Rooms and Zoom Rooms. That means wherever your team members are and whatever collaboration hub they're using, they'll be able to connect with each other, as well as clients, partners, customers and just about anyone, in an instant.



An array of four powerful Jabra-engineered speakers – two 50mm woofers and two 20mm tweeters – in a zero-vibration stereo setup fill the room with premium, high-definition audio, while the latest 2-way audio technology delivers more natural conversations.

HOW TO CONNECT – **SIMPLE SETUP. INSTANT MEETINGS.**

PanaCast 50 is plug-and-play, so from the very first time you set it up, to its day-to-day use, it couldn't be easier to manage. Once it's up and running, your team can just walk into the room, plug the cable into their own laptop and be sure that it will work with whatever platform they're using. There's also an optional remote control[3], allowing them to operate the unit and interact with meetings without leaving their seat.



Plug-and-play
To connect simply plug the cable into your computer

Optional remote control[3]

HOW TO SET UP – **EASY INSTALLATION.**

Whichever way you look at it, PanaCast 50 couldn't be easier to install, with three different options to suit every room setup. Choose from Wall Mount, Table Stand and Screen Mount (VESA)[4], with clear, easy to follow instructions.

Wall Mount | Screen Mount (VESA)[4] | Table Stand[4]

	FEATURES	BENEFITS
Video	180° field of view	Wall-to-wall natural view without distortion
	Panoramic-4K quality	Everyone looks sharp and in focus
	Virtual Director	Detecting active speakers and framing accordingly for dynamic and engaging meetings
Audio	Microphones	8 beamforming microphones for crystal clear conversations
	Speakers	4 speakers in vibration-free, stereo set-up for high-definition audio
Ease of use	Whiteboard sharing	Captures anything you write on a whiteboard in real-time, enhancing readability
	Safety Capacity Insights	Real time notifications in case room occupancy guidelines are breached
	Room Usage Insights	Visual dashboard data enables you to analyse meeting history and reconfigure office spaces accordingly
	Plug-and-play connectivity	Instant collaboration
Compatibility	Certified for use with Microsoft Teams, Microsoft Teams Rooms, Zoom, Zoom Rooms and optimised for all leading UC platforms. For compatibility information go to jabra.co.uk	Certified for Microsoft Teams; zoom Certified

[3] Remote control sold separately
[4] Table Stand and Screen Mount sold separately

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