OBLONG

MEZZANINE

650 SERIES

PRODUCT OVERVIEW

The Mezzanine 650 Series is a state-of-the-art, visual collaboration platform that gives your teams a huge competitive advantage. Deliver an immersive visual experience that demands attention and creates a data-rich environment that engages teams in the work at hand. Built for extra-large conference rooms and custom spaces, Mezzanine 650 creates an immersive workspace with six or more displays. Mezzanine 650 is powered by a rackmount appliance and can be equipped with either an optical or ultrasonic tracking system.

BENEFITS

Work with all of your data: Present multiple streams of content to enable more informed, more efficient decision-making.

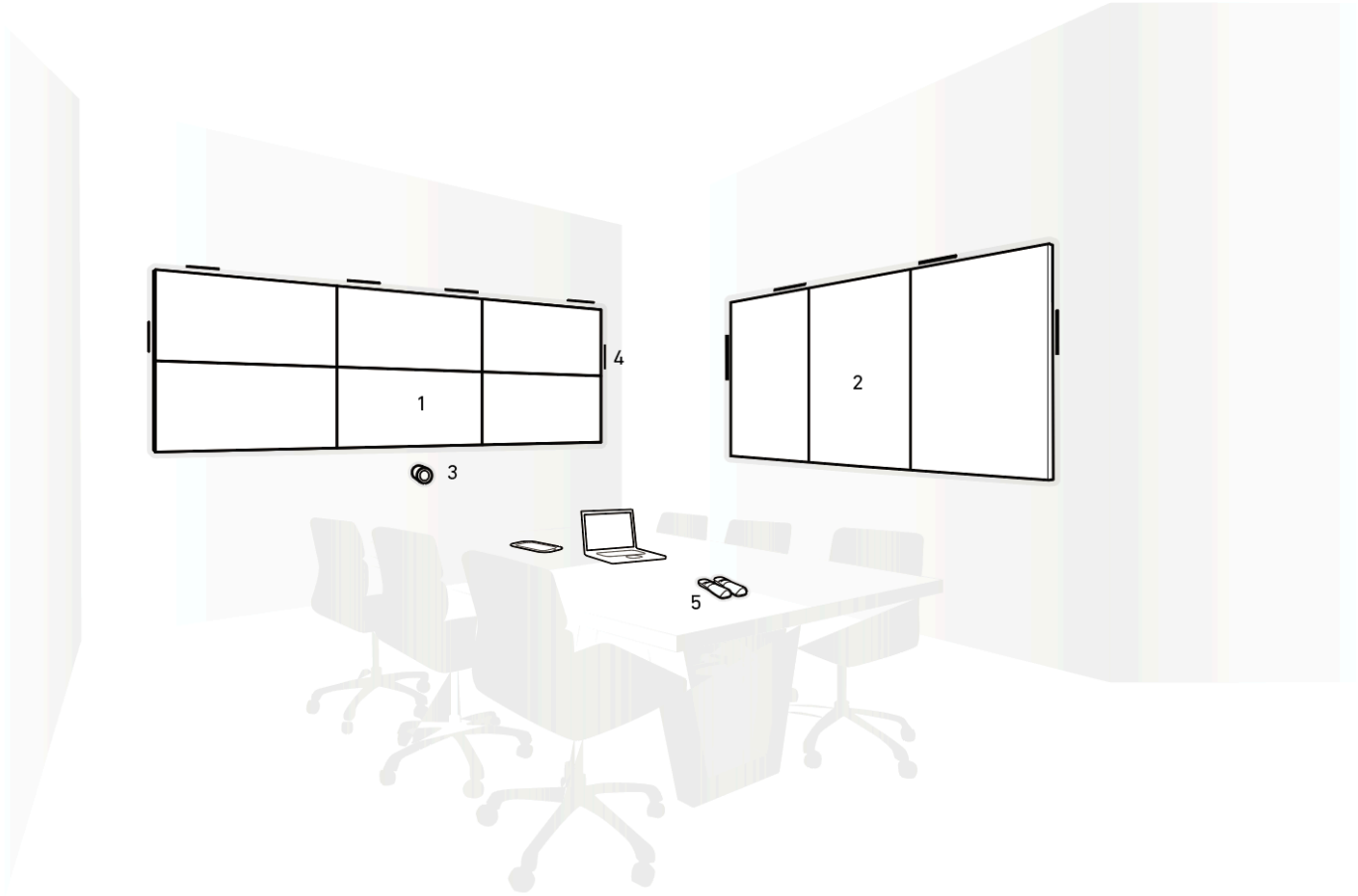
Link multiple locations: Connect distributed teams with a shared visual workspace so everyone is on the same page.

Enable new ways to work: Empower teams to interact. Simultaneous interactions create new, parallel workflows to increase team performance.

Ease of use: Extend your video conferencing systems to enable fully collaborative experiences without requiring new training or tools.

ROOM DIAGRAM

Create a dynamic working environment with two displays and multiple configurations to match the needs of any organization. Plug in via HDMI or share your screen wirelessly with the Mezzanine app. Control content using Mezzanine's spatial tracking system and wand.



1 Primary workspace
2 Secondary workspace
3 Video conferencing camera
4 IR tags
5 Optical wands

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TECHNICAL SPECIFICATIONS

	MEZZANINE APPLIANCE
Form Factor	2U rackmount appliance
Video Inputs	Up to 10 simultaneous inputs: 4 x HDMI streams (common formats: 1080p60, 720p60) 6 x network video streams (Mezzanine app)
Video Outputs	6 x HDMI outputs Supported Format: 1080p60
Audio Inputs	4 x audio streams (HDMI input)
Audio Outputs	1 x 3.5mm stereo output
Network Interface Connections	1 x Gigabit network port (LAN) 1 x Gigabit network port (MDN)
Other Connections	1 x Serial port 2 x Tracking ports (Ultrasonic Tracking only)
Hard Drives	512 GB Solid-state drive
Operating System	Ubuntu 18.04.3 LTS
Dimensions	482 x 514 x 84 mm (W x D x H)
Weight	10.89 kg
Power	V: 100-240 V Hz: 47-63 Hz W: 500 W
Operating Environment	-5°C to 35°C (23°F to 95°F)

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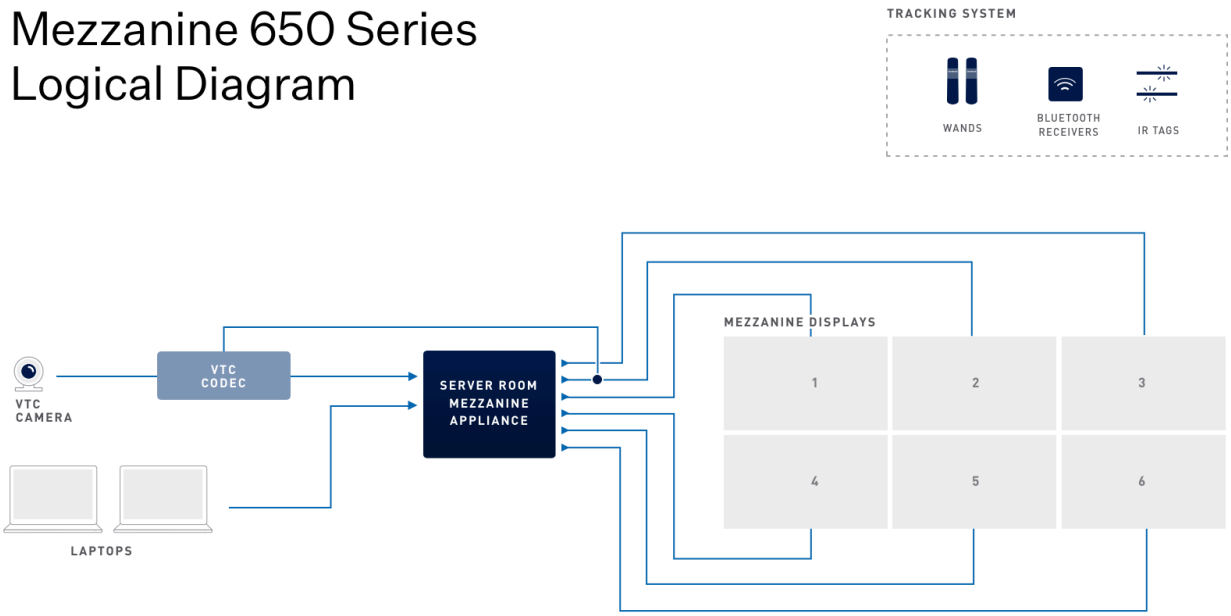
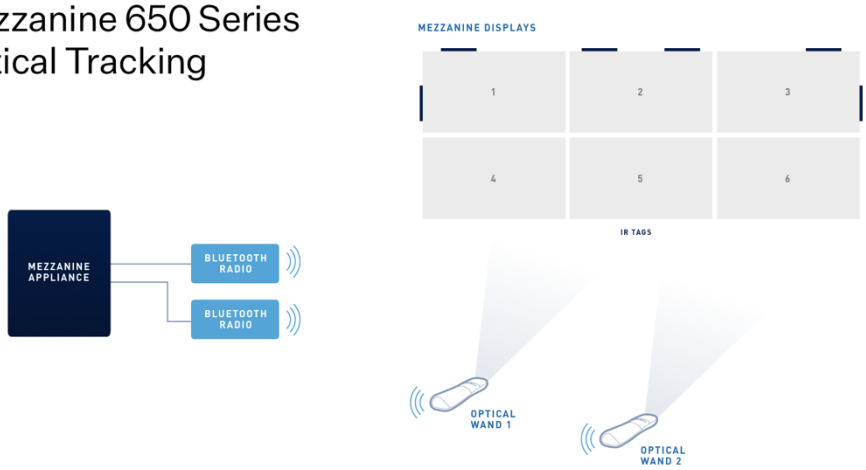
LOGICAL DIAGRAM

Mezzanine 650 Series Logical Diagram



Mezzanine 650 Series Optical Tracking



OPTICAL TRACKING DIAGRAM

MEZZANINE 650 SERIES KIT

COMPONENT	DESCRIPTION	QUANTITY
Mezzanine Appliance	The hub of the Mezzanine experience. Drive up to six displays with a Mezzanine rackmount appliance. Includes video input and output support.	1
Tracking System	Available options: Optical, Ultrasonic	See below for more information

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MEZZANINE 650 SERIES KIT: OPTICAL TRACKING

COMPONENT	DESCRIPTION	QUANTITY
Spatial Wands	A gestural control device used to control the Mezzanine Workspace with optical tracking.	2
Bluetooth LE Receiver	A Bluetooth LE radio receiver used to communicate with the wands.	2
Tags	Display mounted array of IR LEDs used to enable the gestural control of Mezzanine.	Various

MEZZANINE 650 SERIES KIT: ULTRASONIC TRACKING

COMPONENT	DESCRIPTION	QUANTITY
Spatial Wands	A gestural control device used to control the Mezzanine Workspace with ultrasonic tracking.	2
Base Receiver	A radio receiver used to communicate with the wands. Available in: 900MHz USA, 2.4GHz outside of USA.	USA: 1 Outside of USA: 2
Emitters	Ceiling mounted sensors used to enable the gestural control of Mezzanine.	Up to 72

PERIPHERALS

(sold separately)

COMPONENT	DESCRIPTION	QUANTITY
Displays & Mounts	Recommended sizes: 46” – 98” Minimum size: 46”	6 or more
Video Teleconferencing	Standards-based VTC system Preferred integration: Cisco, Polycom	1
Audio System	Microphone, speakers, amplifier	As needed
Power Support	Power Distribution Unit, UPS: 1000W / 1440VA	As needed
Rack	Customer or Reseller to provide 10U of rack space	1
Cabling & Extenders	HDMI, audio, power, ethernet HDBaseT extenders for server room deployments	As needed

FOR MORE INFORMATION

- Learn more about the Mezzanine 650 Series.
- Visit Oblong’s Support Portal and self-register for more information.

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