



**Special Meeting of the DeKalb Township Board  
Thursday, March 18, 2021 at 5:00 PM  
2323 South Fourth Street DeKalb, Illinois 60115**

**Due to the Governor's order restricting gatherings of people, and in an effort to minimize the potential spread of COVID-19, the March Special Township Board meeting will be conducted virtually through Zoom. Any public comments should be submitted to Supervisor Nancy Teboda no later than 4:00 p.m. on March 18, 2021, by dropping off or mailing to the address above, or by email to [nteboda@dekalbtownship.org](mailto:nteboda@dekalbtownship.org).**

**Join Zoom Meeting**

**<https://us02web.zoom.us/j/82020421705?pwd=aHovOTlxOHM4MmhjRnp3dkR5QUUpPZz09>**

**Meeting ID: 820 2042 1705**

**Passcode: 014989**

**One tap mobile**

**+13126266799,,82020421705#,,,,\*014989# US (Chicago)**

**+16468769923,,82020421705#,,,,\*014989# US (New York)**

- I. Call to Order – Roll Call
- II. Pledge of Allegiance
- III. Public Comments
- IV. Unfinished Business
- V. New Business
  - A. Discussion and Approval of Expenditures for Board Room Technology Upgrades and Microphone Systems
  - B. Motion to Approve April 13, 2021 Annual Town Meeting Agenda
- V. Adjournment



April 13, 2021 @ 7:00 PM  
DeKalb Town Hall  
2323 S. Fourth Street  
DeKalb, Illinois 60115

**Due to the Governor's order restricting gatherings of people, and in an effort to minimize the potential spread of COVID-19, the Township reserves the right to restrict attendance to the meeting. Should we be unable to safely accommodate social distancing guidelines, we will have to adjourn until such time (and place) when it is possible.**

#### A G E N D A

- I. Meeting called to order
- II. Pledge of Allegiance
- III. Welcome and introduction of elected officials
- IV. Election and Oath for Moderator
- V. Acceptance of Minutes of the 2020 Annual Town Meeting
- VI. Acceptance of Supervisor's Annual Financial Statements
  - A. Town Fund
  - B. Cemetery Fund
  - C. General Assistance Fund
  - D. Road and Bridge Fund
  - E. Permanent Road Fund
  - F. Building and Equipment Fund
  - G. Special Bridge Fund
- VII. Action Items
  - A. Authorize the Town Board to Appropriate Monies to Repair Cemeteries in Disrepair
  - B. Set the time of any Special Town Meetings at 7:00 PM
  - C. Motion to set the pay of the Moderator
- VIII. Announcements from the floor
- IX. Next Annual meeting on April 12, 2022 at 7:00pm
- X. Adjournment

## Quote

Date	Number
02/06/2021	1170

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
15	Intermedia Hosted Exchange email services plus email archiving monthly subscription, with AnyMeeting video conferencing, unlimited mailbox storage, enhanced security, 24/7 phone tech support, (Note: \$9.99/month per mailbox subscription purchased directly from Intermedia)	9.99	149.85		149.85
8 hrs.	Computer Service - Pines. Assist with migration to new email hosting with Intermedia, request changes to DNS records, create new accounts and assist with data migration, reconfigure Microsoft Outlook and mobile devices, provide training on new services.	90.00	720.00		720.00
Note: Current email hosting, Microsoft Exchange Online Plan 1, costs \$4/mo. per user. Intermedia Hosted Exchange service adds the following features, Email Archiving with unlimited storage, unlimited mailbox size, enhanced security (link scanning, 2-factor authentication, junk email and virus filtering and quarantine), AnyMeeting basic video conferencing services, 24x7 tech support and free migration of current email data. Optional Policy Based Email Encryption available for an additional \$2.50/mo. per user.					
Sub Total:			869.85		869.85
Total:				\$	869.85

Thank you for considering Pines Computer Consulting.

Sincerely,  
Mike Ryan

## Quote

Date	Number
02/08/2021	1174

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
3 hrs.	Computer Service - Pines. Assist with migration to MetroNet Internet and Phone services, program firewall, switch incoming phone lines to new service, test.	90.00	270.00		270.00
Note: Recommend MetroNet 150Mb/150Mb Business Fiber and Business Complete Standard Phone Service w/7 incoming lines, total monthly cost approximately 309.50.					
Sub Total:			270.00		270.00
Total:				\$	270.00

Thank you for considering Pines Computer Consulting.

Sincerely,  
Mike Ryan



## Quote

Date	Number
02/07/2021	1172

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
1	Dell OptiPlex 7080 Micro PC, Intel Core i7-10700 6C 12M 2.3-3.8 GHz, 8 GB memory, 256 GB SSD, Windows 10 Pro, 3 year Next-Business-Day warranty	1,295.00	1,295.00		1,295.00
1	Microsoft Office 2019 Home and Business (Excel, OneNote, Outlook, PowerPoint, Word), 1 PC	249.00	249.00		249.00
1	Logitech M590 wireless mouse	50.00	50.00		50.00
1	Logitech K800 wireless keyboard, backlit keyboard with light sensor	110.00	110.00		110.00
1	Wall-mount bracket w/DVDRW for Dell 7080 Micro	169.00	169.00		169.00
1	Samsung 85" Class Q60T QLED 4K Smart TV	2,500.00	2,500.00		2,500.00
1	Samsung 85" Class TU8000 Crystal UHD 4K Smart TV	1,900.00	1,900.00		1,900.00
1	Samsung 75" Class TU8000 Crystal UHD 4K Smart TV	1,400.00	1,400.00		1,400.00
1	TCL 75" Class UHD 4K Smart TV	800.00	800.00		800.00
1	TV wall-mount bracket, swing-out, 65-90 in. TVs	150.00	150.00		150.00
1	Nyrius Aries Prime Wireless Video HDMI Transmitter/Receiver, 30' range	225.00	225.00		225.00
8 hrs.	Computer Service - Pines. Install wall-mount bracket and mount TV, install and connect Dell Micro PC, connect other peripherals and configure PC, test.	90.00	720.00		720.00

## Quote

Date	Number
02/07/2021	1172

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
	Note: TV options of different size and image quality are listed. The Dell OptiPlex 7080 Micro PC would be wall-mounted beneath the TV, and would be used to connect to a video conferencing solution (see Quote 1173).				
Sub Total:			9,568.00		9,568.00
Total:			\$		9,568.00

Thank you for considering Pines Computer Consulting.

Sincerely,  
Mike Ryan

## Quote

Date	Number
02/07/2021	1173

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
1	Logitech Rally Plus Video Conferencing solution, includes PTZ camera UHD 4k, 90 degree Field Of View, Dual Mic Pods, Dual Speaker Set, RF Remote Control, USB 3.0, Display Hub	2,595.00	2,595.00		2,595.00
2	Logitech Rally Plus Ceiling Mount Kit for Mic Pods	100.00	200.00		200.00
2	Logitech Rally Plus, additional Mic Pod	350.00	700.00		700.00
1	Logitech Group Video Conferencing Solution, includes PTZ camera HD, 90 degree Field Of View, 2 expansion microphones, speakerphone, RF Remote Control, USB 2.0	1,490.00	1,490.00		1,490.00
1	Logitech Meetup Video Conferencing Solution, premium conferencing camera with integrated audio, UHD 4K, 120 degree Field Of View	1,200.00	1,200.00		1,200.00
1	Logitech Brio 4K Pro Webcam, 4K 30 fps, 1080p Full HD 30/60 fps, 720p 30/60/90 fps, USB, 90 degree FOV, 5x digital zoom, 3 year warranty	195.00	195.00		195.00
Note: Four separate options are listed for web/video/audio conferencing, from a basic 4K webcam to a professional meeting room solution. The Rally Plus system comes with 2 mic pods, additional mic pods and ceiling mounts are optional. Labor to install would depend on the system selected. Estimated labor 2-7 hours.					

Pines Computer Consulting, Inc.  
770 N. Peace Rd. DeKalb, IL 60115  
Mobile: 815-757-2080 Office: 815-981-8060 Fax: 866-337-9847  
support@pinesconsulting.com

Page: 2

## Quote

Date	Number
02/07/2021	1173

Bill To	Ship To		
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115	DeKalb Township 2323 S. Fourth St. DeKalb IL 60115		
		<b>Sub Total:</b>	6,380.00 6,380.00
		<b>Total:</b>	\$ 6,380.00

Thank you for considering Pines Computer Consulting.

Sincerely,  
Mike Ryan

logitech®

# SMARTER MEETINGS AUTOMATICALLY.



## Logitech Rally

Logitech® Rally offers an Ultra-HD imaging system, delivering brilliantly sharp video, outstanding color, and exceptional optical accuracy at resolutions up to 4K. The modular audio system brings crisp, clear audio and unmatched voice clarity to the table.

Rally comes standard with one speaker and one mic pod for medium and large sized meeting rooms. For larger spaces with 14 participants or more, Rally Plus offers two mic pods and two speakers for greater versatility out of the box.

Rally's modular audio components mean that speakers and mic pods can be placed wherever they are needed, achieving full audio coverage in your meeting space. Rally supports up to seven mic pods in total, helping you create the perfect audio configuration for your space.

Rally features RightSense™ proactive technologies, which make better meetings easy and automatic. RightSight™ auto-frames participants no matter their distance from the lens, RightLight™ prioritizes faces over environment to render natural-looking

skin tones, while RightSound™ enhances vocal clarity by suppressing background noise, auto-leveling voices, and focusing on active speakers. RightSense is compatible with most any video conferencing application that works with USB devices, including Google® Hangouts™ Meet, Microsoft® Skype® for Business and Teams, and Zoom.

Elegantly designed with premium finishes, thoughtful cable management, and modular audio, Rally integrates beautifully into any room design.



## FEATURES & BENEFITS

### VIDEO

#### Exceptional Video Quality

With an Ultra-HD imaging system, Rally delivers brilliantly sharp video, outstanding color, and exceptional optical accuracy at resolutions up to 4K.

#### Adaptive Pan, Tilt and Zoom

The smooth PTZ motor adjusts pan and tilt speed with the amount of zoom. The result: Faster camera movement when zoomed out for quick framing and slower camera movement when zoomed in for more control.

#### Sleek Industrial Design

The premium PTZ camera is elegantly finished in matte black and slate gray metal trim, complemented by sleekly designed audio components and accessories that look great in any room.

### AUDIO

#### Advanced Modular Audio

Rally delivers sound that's natural, crisp, and highly intelligible. Exquisitely sensitive Mic Pods ensure that everyone in the meeting can be clearly heard while stand-alone speakers fill larger rooms with rich, life-like sound.

#### Front-of-Room Audio

Rally speakers are designed for placement at the front of the room. With mic pods on the table and speakers at the display, voices and video come from a natural direction — and never from behind you — so conversations feel more natural and lifelike.

#### Up to 7 Mic Pods

For large meeting rooms, add Rally Mic Pods to expand audio coverage and provide convenient access to mute controls. Each pod adds coverage for six additional participants, perfect for equipping large meeting spaces and boardrooms.

### CONNECTIVITY & USAGE

#### Smart Cabling and Content Sharing

With a Display Hub and Table Hub to minimize cross-room cabling, Rally components and the meeting computer remain securely out of sight.

#### Loud and Clear

The built-in amplifiers in Rally Display Hub can power up to two Rally Speakers, providing rich sound even in larger rooms.

#### Optional Flexible Mic Pod Cabling

Rally Mic Pod Hub makes it easy to minimize cross-table cabling with three connectors for Rally Mic Pods or additional Mic Pod Hubs, helping participants reposition individual pods or to bring mute control within easy reach.

#### Optional Mounting Kit

Add the Rally Mounting Kit to streamline installation of each component with custom brackets and mounting hardware.

## RIGHTSENSE TECHNOLOGIES AND DESIGN INNOVATIONS

Integrated Logitech RightSense technologies, built into Rally, automate a better user experience. RightSight perfectly auto-frames participants no matter their distance from the lens. RightLight prioritizes faces over environment to render natural-looking skin tones while RightSound enhances vocal clarity by suppressing background noise, auto-leveling voices, and focusing on active speakers to support better meetings.

#### RightSight

Logitech RightSight camera control technology automatically moves the lens and adjusts the zoom so no one gets left out of the picture. RightSight detects human figures, not just faces, to ensure that meeting participants remain in view and optimally framed on-screen.

#### RightLight

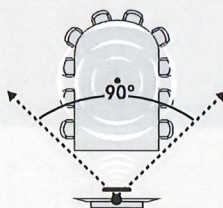
Logitech RightLight with Wide Dynamic Range (WDR) helps everyone look their best on camera, regardless of lighting conditions. RightLight reduces video noise, optimizes light balance, and fine-tunes color and saturation for natural results across all skin tones.

#### RightSound

Logitech RightSound is a suite of audio processing technologies and design innovations that deliver enterprise-class sound to video conferences. Optimized for the human voice, RightSound reduces unwanted vibrations and noise, and zeroes in on the active speaker to convey their every word with remarkable clarity.

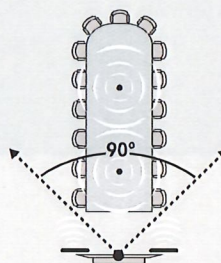
## ROOM SETUP DIAGRAMS

### Rally



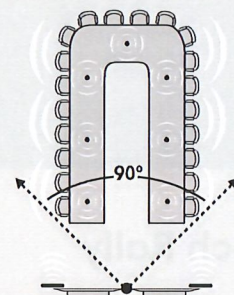
UP TO 10 SEATS

### Rally Plus



UP TO 16 SEATS

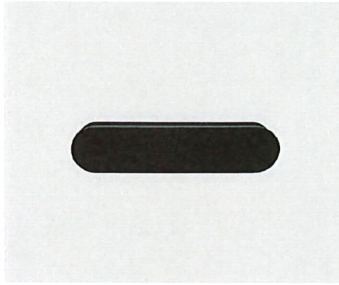
### Rally Plus



OPTIONAL MIC PODS  
1 OPTIONAL MIC = 6 ADDITIONAL SEATS

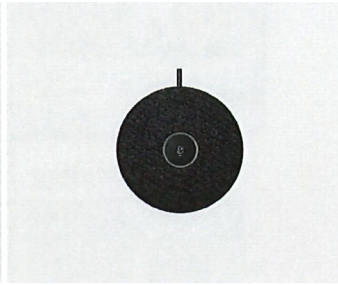
UP TO 46 SEATS

## ACCESSORIES



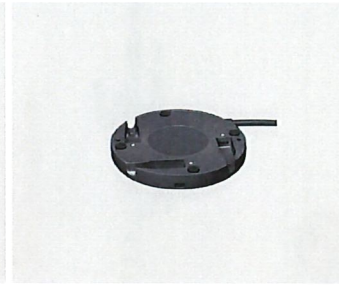
### RALLY SPEAKER

Rally supports up to 2 Rally Speakers for larger rooms



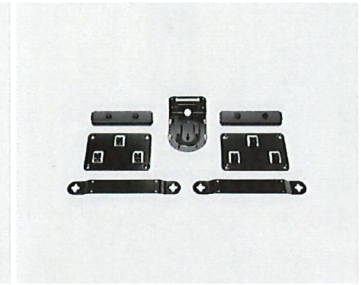
### RALLY MIC POD

Rally supports up to 7 Rally Mic Pods for expanded audio coverage in larger rooms



### OPTIONAL RALLY MIC POD HUB

Connect 1 to 3 Rally Mic Pods or additional Mic Pod Hubs for flexible single-wire cabling



### OPTIONAL RALLY MOUNTING KIT

Rally Mounting Kit with cable retainers and mounting brackets for Rally Camera, Rally Speakers (x2), Table Hub, and Display Hub

## TECH SPECS

### RALLY CAMERA

Ultra-HD imaging system supports:  
4K, 1440p, 1080p, 900p, 720p, and SD at 30fps  
1080p, 720p at 30 fps and 60 fps

Smooth motorized pan, tilt and zoom

Pan:  $\pm 90^\circ$

Tilt:  $+50^\circ/-90^\circ$

15x HD zoom

90° field of view

Adaptive pan and tilt speed up to 70°/second  
(slows when zoomed in for easier control)

Automatic inversion detection to correct image  
orientation and camera controls when mounted  
upside down

Autofocus

3 camera presets

Kensington® security slot

Video mute/unmute LED indicator

Standard tripod thread

Lens parks at  $-90^\circ$  in sleep mode for assured  
privacy

### RALLY MIC POD

Pickup range: 15 ft / 4.5m diameter

Four microphones with eight beamforming  
elements

Mute button with LED status indicator

Captive cable: 9.6 ft (2.95m)

Daisy chain up to 7 Rally Mic Pods

Recommended participants:

Rally (one Mic Pod): 10

Rally Plus (two Mic Pods): 16

Additional participants per Mic Pod: 6

Recommended participants for Rally with  
7 Mic Pods: 46

### RALLY SPEAKER

High-performance 3" (76mm) driver

Patent pending suspension system eliminates  
vibration-induced camera shake and audio  
interference

Mini XLR cable (9.6 ft (2.95m)) connects to Rally  
Display Hub for both signal and power

### RALLY TABLE HUB

Single cable (CAT6A) connection to Rally  
Display Hub (16.4 ft (5m) CAT6A Ethernet cable  
included, supports customer-supplied cables up  
to 164 ft (50 m))

Active speaker detection: analyzes audio from up  
to 7 Mic Pods and 56 beams every 8ms

12 Pin connector for Rally Mic Pod

HDMI Type A for wired content sharing

HDMI Type A for display

Power input

USB Type C (Ultra HD/4K capable)

USB Type A (reserved for future capability)

USB Type B (connects to meeting room  
computer)

RJ45 (Ethernet)

Bluetooth® wireless technology

### RALLY DISPLAY HUB

HDMI Type A (x2) (connects to displays)

Power input

USB C (connects to Rally Camera)

USB Type B (connects to meeting room  
computer)

RJ45 (connects to Table Hub)

Mini XLR (x2) (connects to Rally Speakers)

Powers one or two Rally Speakers

### REMOTE CONTROL

RF remote control (line of sight not required)

CR2032 batteries (included)

### CABLES/POWER

Camera to Display Hub  
6.5 ft (2m) USB 3.1 Type C to USB Type C 3.1

Conference Room Computer to Display or Table  
Hub

6.5 ft (2m) USB 3.1 Type A to USB Type B

Display Hub to Table Hub  
16.4 ft (5m) CAT6A Ethernet cable (supports  
customer-supplied cables up to 164 ft (50 m))

Display Hub to Speaker (x2)  
9.6 ft (2.95m) Mini XLR (supports customer-  
supplied extension cables up to 9.8 ft (3m))

Conference Room Computer to Displays (x2)  
6.5 ft (2m) HDMI A

Mic Pod  
9.6 ft (2.95m): Hardwired with 12 pin connector

Power Outlets to Power Supplies (x2)  
3.2 ft (1m)

Power Supplies to Table Hub/Display Hub (x2)  
4.9 ft (1.5m)

### RIGHTSENSE TECHNOLOGIES

RightLight with Wide Dynamic Range (WDR)

RightSight automatic camera control<sup>1</sup>

RightSound Mic Matrix

RightSound Anti-Vibration Speakers

### COMPATIBILITY AND INTEGRATIONS

Plug-and-play USB connectivity

Certified for Skype for Business and ready for  
Teams

Certified for Google Hangouts Meet Hardware

Zoom Certified

Cisco Compatible

Compatible with BlueJeans, BroadSoft®,  
GoToMeeting®, Vido™, and other video  
conferencing, recording, and broadcasting  
applications that support USB cameras





## PRODUCT SPECIFICATIONS

### Rally

Part #: 960-001217  
Price: \$1999  
UPC: 097855140203

### Rally Plus

Part #: 960-001225  
Price: \$2499  
UPC: 097855140227

### Rally Speaker

Part #: 960-001230  
Price: \$249  
UPC: 097855142962

### Rally Mic Pod

Part #: 989-000430  
Price: \$349  
UPC: 097855142955

### Rally Mic Pod Hub

Part #: 939-001647  
Price: \$249  
UPC: 097855143143

### Rally Mounting Kit

Part #: 939-001644  
Price: \$149  
UPC: 097855142979

## SOFTWARE DOWNLOADS

Logitech Camera Settings software

## WARRANTY

2-year limited hardware warranty

## INSIDE THE BOX

Rally Camera  
Speaker: 1 (Rally) or 2 (Rally Plus)  
Mic Pod: 1 (Rally) or 2 (Rally Plus)  
Table Hub  
Display Hub  
2 x Power Supplies  
Remote Control  
USB C to C cable  
USB A to B cable  
CAT6A  
2 x HDMI A to A cable  
Documentation

## PRODUCT DIMENSIONS

### Rally Camera

7.19" x 5.98" x 5.98"  
182.5 mm x 152 mm x 152 mm

### Rally Speaker

4.05" x 17.67" x 3.15"  
103mm x 449mm x 80mm

### Rally Mic Pod

0.83" x 4.01" x 4.01"  
21mm x 102mm x 102mm

### Rally Table Hub

1.57" x 6.93" x 5.43"  
40mm x 176mm x 138mm

### Rally Display Hub

1.57" x 8.11" x 7.05"  
40mm x 206mm x 179mm

### Rally Mic Pod Hub

0.63" x 4.01" x 4.01"  
16mm x 102mm x 102mm

## SYSTEM REQUIREMENTS

UVC/plug-and-play compatible  
Windows® 10, 8.1, 7  
macOS® 10.10 or later  
Chrome OS™

\*RightSight is enabled by a software download with initial support for Windows® 10. Please see [www.logitech.com/rightsight](http://www.logitech.com/rightsight) for availability.

[www.logitech.com/rally](http://www.logitech.com/rally)

To order, contact your reseller or call us  
at 800-308-8666

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Logitech Inc. 7700 Gateway Blvd., Newark, CA 94560

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logitech®

# DESIGNED FOR BIG ROOMS AND EVEN BIGGER IDEAS.



## Logitech GROUP

GROUP, the amazingly affordable video conferencing system for mid to large-size conference rooms, allows any meeting place to be a video collaboration space. It's as simple to use as a mobile phone and as affordable as an office chair, now it's easier than ever to include anyone in the conversation.

USB plug-and-play connectivity makes GROUP a breeze to deploy and use. It even works within your own familiar computing environment with any video conferencing software application — including the ones you already use.

Razor sharp video and a beautifully designed full-duplex speakerphone deliver an outstanding collaboration experience that's so awesome everyone can be seen and heard. Simply connect a laptop and start a meeting, or use the state-of-the-art speakerphone with a Bluetooth® wireless technology enabled mobile device for great-sounding audio calls.



BlueJeans

lifesize.

zoom



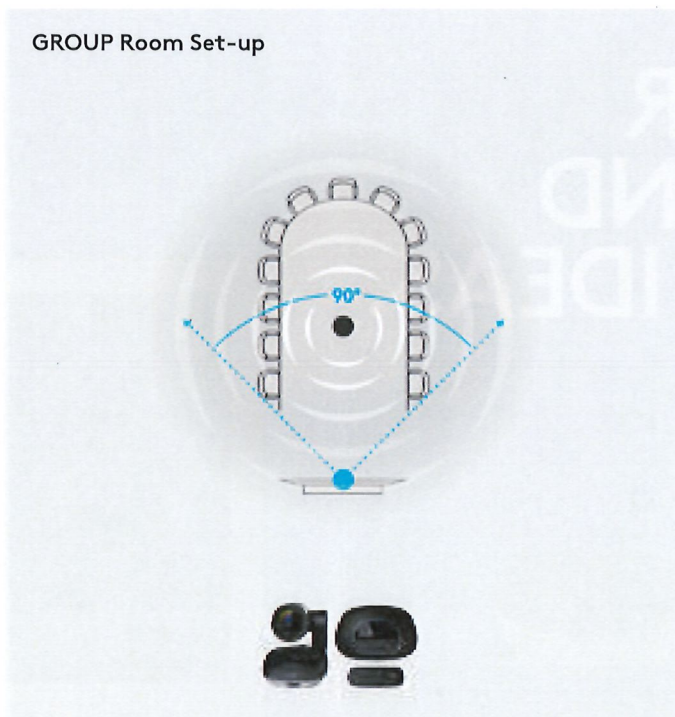
broadsoft



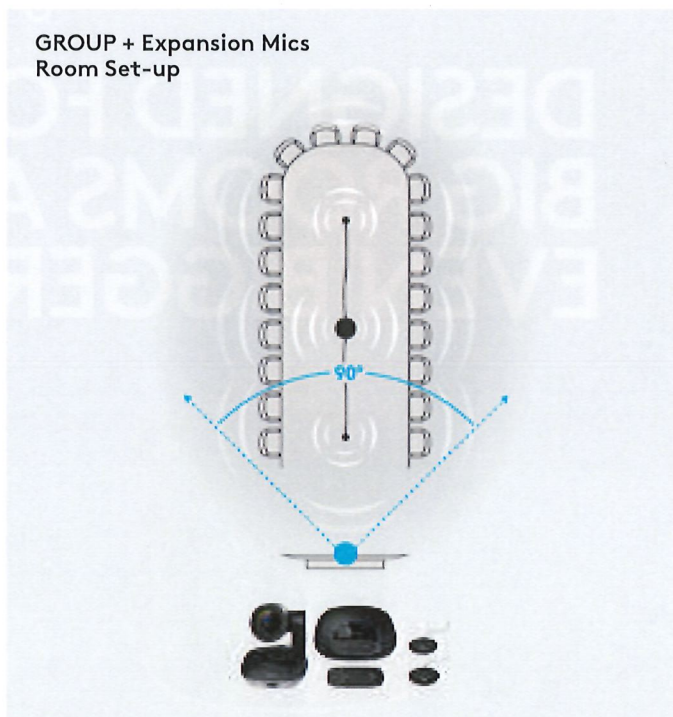


## Logitech GROUP

GROUP Room Set-up



GROUP + Expansion Mics Room Set-up



### Video Conferencing Elevated.

GROUP, our video conferencing solution for groups of 14–20 people, delivers high quality HD video and crystal clear audio, allowing any meeting place to be a video collaboration space. With advanced features like acoustic echo cancellation, noise reduction technology, and intuitive controls, now it's easier than ever to include anyone in the conversation.

### Video Collaboration Made Simple.

USB plug-and-play connectivity makes GROUP easy to use. Simply connect a laptop to conduct life-like meetings within your own familiar computing environment for use with any video conferencing software application — including the ones you already use. Plus, you can use the state-of-the-art speakerphone with a Bluetooth wireless technology enabled mobile device for great-sounding audio calls.

### Your Meeting Space. Your Way.

GROUP offers the flexibility to customize conference room set-up with multiple camera mounting options. Use the camera on the table or mount it on the wall with included hardware. The bottom of the camera is designed with a standard tripod thread for added versatility. Conference participants can also clearly converse within a 6 m/20' diameter around the base, or extend the range to 8.5 m/28' with optional expansion mics.



For razor sharp close-ups of objects and whiteboard content, the GROUP camera offers 10x lossless zoom, enabling your team to see every detail with outstanding resolution and clarity.





# Logitech GROUP



VIDEO



AUDIO



CONNECTIVITY AND USAGE

## HD 1080p video quality at 30 frames-per-second

Brings life-like full HD video to conference calls, enabling expressions, non-verbal cues and movements to be seen clearly.

## H.264 with Scalable Video Coding (SVC) and UVC 1.5

Preserves PC processing and battery power by putting video processing within the camera adjusting dynamically to the available bitstream. The result is a smoother video stream in applications like Skype® for Business and in Windows® 8 and Windows 10.

## 90° field of view with mechanical 260° pan and 130° tilt

The generously wide field of view and silky smooth pan and tilt controls enhance collaboration by making it easy to see everyone in the room.

## 10x lossless HD zoom

Zero in on close-ups of objects and whiteboard content with outstanding detail and clarity.

## Autofocus

High-precision lens automatically focuses on people and objects to deliver razor-sharp resolution wherever the lens is pointed.

## Razor-sharp optics

Enhance face-to-face collaboration. Advanced Logitech lens technology delivers remarkable video quality with superb resolution, speed, fluidity, color balance, and detail.

## Far-end camera control

Operate camera pan, tilt and zoom functions<sup>1</sup> of another Logitech® ConferenceCam or Webcam C930e in the other location.

## 5 camera presets

Multiple camera presets make it easy to frame and focus the lens on frequently used views — such as the conference table, whiteboard, and close-ups — and quickly return to each view at the touch of a button.

## Plug-and-play camera setup

Simply connect camera to powered hub with 4.9 m/16' cable provided to get up and running in a snap.

## Full-duplex speakerphone

Hear and be heard with life-like sound that's crisp, clear, and highly intelligible. Plus the cast metal base console is loaded with advanced audio features and intuitive controls.

## Spacious audio

Conference participants can converse within a 6 m/20' diameter around the speakerphone and be heard so clearly by remote participants that it seems like conversations are happening in the same room.

## Optional expansion mics

Expand the conversation area from 6 m/20' to 8.5 m/28' so that even those away from the speakerphone can be clearly heard. Microphones, sold in pairs, are automatically recognized and configured by simply plugging them into the GROUP speakerphone.

## Beamforming technology with four omni-directional mics

Conversations sound realistic and natural by minimizing sound reflections (reverb) and distracting audio artifacts.

## Acoustic echo cancellation

Advanced acoustic engineering reduces echo, making calls sound more natural.

## Noise reduction technology

Ambient noises and other distracting tones are suppressed to support comfortable, natural-sounding conversation on both ends of the call.

## HD audio

High bandwidth audio reproduces vocal tones with exceptional quality, enabling people on both sides of the call to enjoy a life-like communication experience.

## Visual call status indicator

Onboard LEDs flash to provide visual alerts when on a call, when there's an incoming call and when an incoming call is muted.

## LCD displays Caller ID and other info

View call-related info<sup>2</sup> (Caller ID, call duration, etc.) and speakerphone/camera function indicators (volume control, etc.) on LCD display screen.

## Plug-and-play speakerphone setup

Simply plug the speakerphone into the powered hub with the supplied 4.9 m/16' cable to get up and running in no time.

## Tight integration with top cloud communication apps

Logitech partners with the top communication developers<sup>3</sup> to ensure the most integrated and seamless experience when using GROUP.

## Compatible with Mac® and PC

Simply connect a PC or Mac® to conduct meetings within the user's own familiar computing environment.

## Works with most UC and video conferencing applications

Users are free to use the desktop video conferencing application of their choice.

## Bluetooth wireless technology and Near Field Communication (NFC) technology<sup>3</sup>

Connect the speakerphone to a Bluetooth wireless technology enabled device for great-sounding audio calls, or pair NFC-enabled mobile devices by simply bringing them close together.

## Professional-grade certifications

Leading business certifications (Certified for Skype for Business, Cisco Jabber® and WebEx® compatible<sup>4</sup>) and enhanced integration with Logitech Collaboration Program (LCP) members<sup>5</sup> ensure an integrated experience with most business-grade video conferencing platforms.

## Optional GROUP Extended Cables

The optional GROUP 10m Extended Cable can be routed through a conduit to double the distance from 5 to 10 meters (32.8') between the Logitech GROUP hub and the camera or speakerphone. For longer runs involving plenum-spaces, use the GROUP 15m Extended Cable to triple the distance from 5 to 15 meters (49.2')<sup>6</sup>.

## Multiple camera mounting options and device setup configurations

Set up the conference room the way you want with up to a 9.8 m/32' range between camera and speaker. Use the camera on the table or mount it on the wall with included hardware. The bottom of the camera is designed with a standard tripod thread for added versatility.

## Dockable remote control

Operate camera pan, tilt and zoom, volume up/down and answer/hang-up<sup>7</sup> functions on the base speakerphone console or with remote control that docks in console when not in use.

## PTZ app

Control local camera pan, tilt and zoom functions from PC or Mac with simple-to-use software app.

# Logitech GROUP

## TECH SPECS

### CAMERA

Smooth motorized pan, tilt and zoom, controlled from remote or console

260° pan, 130° tilt

10x lossless HD zoom

90° Field of View

Full HD 1080p 30fps

H.264 UVC 1.5 with Scalable Video Coding (SVC)

Autofocus

5 camera presets

Far-end control (PTZ) of ConferenceCam products

Kensington security slot

LED to confirm video streaming

Standard tripod thread

### REMOTE CONTROL

Dockable

8.5 m/28-foot range

## PRODUCT SPECIFICATIONS

**Logitech GROUP**  
Price: \$999  
Part #: 960-001054  
UPC: 097855118462

**Expansion Mics**  
Price: \$299  
Part #: 989-000171  
UPC: 097855119551

**Logitech GROUP + Expansion Mics**  
Price: \$1,249  
Part #: 960-001060  
UPC: 097855120038

**GROUP 10m Extended Cable**  
Price: \$99  
Part #: 939-001487  
UPC: 097855129765

**GROUP 15m Extended Cable**  
Price: \$199  
Part #: 939-001490  
UPC: 097855131942

## SYSTEM REQUIREMENTS

Windows® 7, Windows 8 or Windows 10  
Mac OS X® 10.7 or higher  
Google Chromebook Version 29 or higher

Note: For full HD support, please check with your software application provider for system requirements.

### SPEAKERPHONE

Full-duplex performance

Acoustic echo cancellation

Noise reduction technology

Ultra-wideband audio

Bluetooth and NFC wireless technology

LCD for caller ID, call duration and other functional response

LEDs for speakerphone streaming, mute, hold, and Bluetooth wireless pairing

Touch controls for call answer/end, volume and mute, Bluetooth—plus camera PTZ, “home” preset and far-end control

Microphones (Tx)

Four omni-directional microphones supporting 20-foot diameter range

Frequency response: 100Hz–11KHz

Sensitivity: -28dB +/-3dB

Distortion: <1% @ 1KHz at 106dB

Speakers (Rx)

Frequency response: 120Hz–14KHz

Sensitivity: 83dBSPL +/-3dB at 1W/1M

Max output: 91dBSPL

Distortion: <5% from 200Hz

Kensington security slot

## PRODUCT DIMENSIONS + WEIGHT

**Camera**  
146 x 131 x 130 mm  
5.8 x 5.2 x 5.1”  
580 g/20.46 oz

**Speakerphone**  
240 x 65 x 240 mm  
9.5 x 2.5 x 9.5”  
1223 g/43 oz

**Hub**  
94 x 34 x 74 mm  
3.75 x 1.3 x 2.9”  
83 g/3 oz

**Remote**  
50 x 120 x 10 mm  
1.97 x 4.72 x 0.39”  
48 g/1.69 oz

**Package**  
500 x 152 x 310 mm  
19.75 x 6 x 12.25”  
4.1 kgs/9 lbs

**Wall/Table Mount**  
210 x 120 x 99 mm  
8.27 x 4.72 x 3.90”  
255 g/8.99 oz

**Expansion Mics**  
83 x 83 x 21 mm  
3.3 x 3.3 x 0.83”  
230 g/8 oz

**GROUP 10m Extended Cable**  
Cable/Repeater  
10 m x 4 mm/50 x 12 mm  
32.8’ x 0.16”/1.97 x 0.47”  
278 g/9.8 oz

**GROUP 15m Extended Cable**  
Cable/Repeater  
15 m x 5 mm/50 x 12 mm  
49.2’ x 0.20”/1.97 x 0.47”  
510 g/18.0 oz

### HUB/CABLE

Central mountable hub for connection of all components

Included adhesive solution for under-table mounting

Two cables for connection between hub and camera/speakerphone (Length: 5 m/16’)

One USB cable for connection to PC/Mac (Length: 3 m/9.8’)

AC Power adapter (Length: 3 m/9.8’)

### MOUNT

Dual purpose mount for wall placement or for elevating the camera on a table

## COMPLIANCE AND TOOLS

USB 2.0 compliant

UVC-compliant video and audio for broad application compatibility

Certified for Skype for Business, Cisco compatible<sup>4</sup>, and enhanced integration with Logitech Collaboration Program (LCP) members<sup>5</sup>

Downloadable diagnostic tool

Field upgradeable firmware tool

Downloadable app plug-ins for advanced feature support

## INSIDE THE BOX

Camera, speakerphone, remote control, two 5 m/16.4’ cables for connection between speakerphone and hub and camera and hub, one 3 m/9.8’ meter cable between hub and PC, Velcro for cable management, Velcro for hub to table securing, powered hub, power adapter with regional plugs, mount, quick start guide, warranty card.

## WARRANTY

2-year limited hardware

[www.logitech.com/GROUP](http://www.logitech.com/GROUP)

To order, contact your reseller or call us at 800-308-8666

Logitech Inc. 7700 Gateway Blvd., Newark, CA 94560

<sup>1</sup> With Skype® for Business, and Logitech Collaboration Program (LCP) members, including Vidyo, Zoom and Lifesize Cloud (refer to [www.logitech.com/lcp](http://www.logitech.com/lcp) for the latest information).

<sup>2</sup> With Skype® and Cisco Jabber®.

<sup>3</sup> With NFC-enabled mobile devices.

<sup>4</sup> See [www.logitech.com/ciscocompatibility](http://www.logitech.com/ciscocompatibility) for the latest version.

<sup>5</sup> Includes Blue Jeans, BroadSoft, Lifesize, Vidyo, and Zoom. See [www.logitech.com/lcp](http://www.logitech.com/lcp) for full list and the latest information.

<sup>6</sup> Learn more about GROUP Extended DIN Cables at: [www.logitech.com/accessories](http://www.logitech.com/accessories).

<sup>7</sup> With Skype® for Business, Skype®, Cisco Jabber® and LCP participants with completed integrations (refer to [www.logitech.com/lcp](http://www.logitech.com/lcp) for the latest information).

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## DATA SHEET

# LOGITECH CONNECT

Simplify video conferencing so anyone can set it up and run a meeting anywhere. Make it affordable so you can outfit every conference room with video.

Designed for huddle rooms and home offices, Logitech Connect is also compact and mobile so you can take it throughout the workplace and around the world. Connect is always ready for your next video conference call.

### **FLEXIBLE VIDEO FOR THE ANYWHERE WORKPLACE**

Optimized for individuals and small groups of up to six people, this conference camera offers 4x digital HD zoom, digital pan and mechanical tilt, and razor-sharp optics for lifelike video.

An all-in-one design, built-in battery, and optional travel case make it easy to take Connect on the road. And with a compact footprint just 2.95" (75mm) in diameter, Connect is a perfect fit for both home office and huddle room.

With Connect, you can also use the USB and Bluetooth mobile speakerphone for great sounding audio calls. With true 360° sound, users can hear and be heard within a 12-foot diameter range while acoustic echo and noise-cancelling technology delivers life-like sound.

# Logitech Connect



## FEATURE SPOTLIGHT

### Portable All-in-One Design

Sleek, easy to carry, and a snap to set up and use to expand the collaborative potential of the anywhere workplace.

### Perfect for Small Workgroups

Optimized for teams of 1-6, experience HD 1080p video and 360° sound, in virtually any workspace — and watch productivity soar.

### See and Be Seen

Automatically focus on people and objects for razor-sharp resolution wherever the lens is pointed.

### Multi-Device Connectivity

Simply connect PC or Mac® to conduct life-like meetings within your own familiar computing environment.

### Interact with Everyone at the Table

An eye-level camera with digital pan, tilt, and 4x digital zoom in Full HD is ideal for small group meetings.

### Hear and Be Heard

The acoustics are tuned to provide a quality experience so that users can hear and be heard in huddle and small conference rooms.

### Conversations Sound Life-Like and Natural

Acoustic echo and noise-cancelling technology makes it seem like conversations are happening in the same room.

### USB Plug-and-Play Connectivity

With no special software, training, or maintenance required, connecting to a video conference has never been easier.

### Professional-Grade Certifications

Certified for and/or compatible with Microsoft Skype for Business and Teams, Zoom, Google Meet, Cisco Jabber and WebEx, BlueJeans, Fuze, GoToMeeting, and other video conferencing, recording, and broadcasting applications that support USB cameras.

### Near Field Communication (NFC) Technology

Pair mobile devices to Connect by simply bringing them close together.\*

\* With mobile devices equipped with NFC technology

### Bluetooth Wireless Connectivity

Quickly and easily create a connection between any Bluetooth device and the integrated speakerphone.

### Dockable Remote Control

Easily operate camera pan/tilt/zoom and audio functions (call answer/end, volume, mute) during meetings.\* The remote covers the lens when the camera is not in use for added privacy.

\* With supported applications.

### Works with Most Video Conference Applications

Users are free to use the desktop video conferencing program of their choice.

### Kensington Lock-Enabled

The Kensington Security Slot offers a simple, built in security solution to help provide security from theft.

### Rechargeable Battery

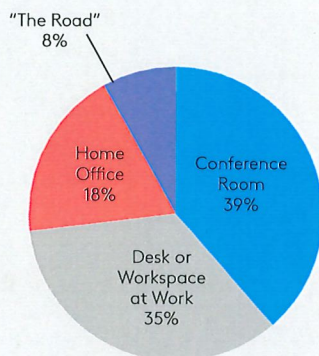
Flexibility to leave the power cord behind: run video calls for up to 3 hours or use the speakerphone for up to 15 hours with a fully charged battery (chargeable via USB or AC power.)



# Logitech Connect

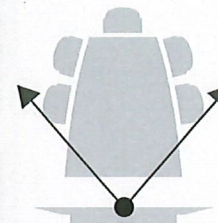
## Primary Conferencing Locations

From: Wainhouse research, Anywhere Workplace, 2015



## Connect Room Set-up

Up to 6 People



## Connect Features

### Eye-level camera

With digital pan/tilt and mechanical tilt control.

### 360° audio with 12-foot diameter range

The acoustics are tuned to provide a quality experience so that users can hear and be heard within a 12-foot diameter range.



### Omni-directional full duplex mics

Makes it seem like conversations are happening in the same room.

### Docking remote control

The handhold remote magnetically docks over the lens for assured visual privacy and to protect from dust and scratches.



## TECH SPECIFICATIONS

### CAMERA

Full HD 1080p video calling (up to 1920 x 1080 pixels); 720p HD video calling (up to 1280 x 720 pixels) with supported clients

H.264 UVC 1.5 with Scalable Video Coding (SVC)

Supports H.264 SVC 1080p for Skype for Business, along with optimizations for best call performance in single or multiparty HD video

Field of View

Diagonal: 90°

Horizontal: 82.1°

Vertical: 52.2°

4X digital zoom in Full HD

Rightlight™ 2 Technology for clear image in various lighting environments (even low light)

Digital pan, tilt and zoom from remote control or optional downloadable app

Mechanical tilt wheel

Camera LED for active streaming indication

### SPEAKERPHONE

Integrated full duplex speakerphone with echo and noise cancellation

360° wideband audio with 12-foot diameter range

Bluetooth and NFC wireless technology

LEDs for speakerphone streaming, mute, hold, and Bluetooth wireless pairing

Controls for call answer/end, volume, mute

Microphones (Tx)

Two omni-directional microphones supporting 12-ft diameter range

Frequency response: 100Hz – 16kHz

Sensitivity: -34dB +/- 3dB

Distortion: <1% @ 1KHz at 65dB

Speakers (Rx)

Frequency response: 140Hz – 16kHz

Sensitivity: 89dBSPL +/- 3dB at 1W/0.5M

Max output: 91.5dBSPL at 0.5M

Distortion: <5% from 200Hz

### REMOTE CONTROL

Docks on device and functions as a lens cover

IR 10-ft (3 m) range

### GENERAL SPECIFICATIONS

Rechargeable Battery supports up to 3 hours video conferencing; 15 hours for Bluetooth audio. Time to charge battery (from AC power, device idle): 3 hours

Battery rechargeable through AC Power or USB (not powered through USB)

6-foot detachable USB cable for PC or Mac-based video conferencing

Kensington Security Slot

### GENERAL SPECIFICATIONS

Plug-and-play USB connectivity

Certified for Skype for Business and ready for Teams

Zoom Certified

Fuze Certified

Compatible with Google Meet

Cisco Jabber® and WebEx compatible

Compatible with BlueJeans, BroadSoft, GoToMeeting, Vido, and other video conferencing, recording, and broadcasting applications that support USB cameras

# Logitech Connect



## PRODUCT SPECIFICATIONS

**Connect**  
Part #: 960-001013  
UPC Code: 097855111265

## SYSTEM REQUIREMENTS

Windows® 8.1, or Windows 10  
MacOS® 10.10 or higher  
USB 2.0 port (USB 3.0 ready)

## PRODUCT DIMENSIONS + WEIGHT

**Weight/Dimensions**  
Width 2.95 inches (75 mm)  
Height 11.98 inches (304.2 mm)  
Depth 2.95 inches (75 mm)  
Weight 27.02 ounces (766 g)

**Remote**  
Width 1.6 inches (41 mm)  
Height 5 inches (128 mm)  
Depth .35 inches (9 mm)  
Weight 1.13 ounces (32 g)

**Packaging Dimensions**  
Width 3.6 inches (91 mm)  
Height 16.5 inches (419 mm)  
Depth 5.7 inches (145 mm)  
Weight 47.26 ounces (1340 g)

## INSIDE THE BOX

Logitech Connect  
Power adapter with plug  
Regional plugs  
USB cable  
Documentation

## WARRANTY

2-year limited hardware

**logitech®**

[www.logitech.com/connect](http://www.logitech.com/connect)

Contact your reseller  
or contact us at  
[www.logitech.com/vcsales](http://www.logitech.com/vcsales)

**Logitech Americas**  
7700 Gateway Blvd.  
Newark, CA 94560 USA

**Logitech Europe S.A.**  
EPFL - Quartier de l'Innovation  
Daniel Borel Innovation Center  
CH - 1015 Lausanne

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Published December 2020



logitech®

# SUPER-WIDE FIELD OF VIEW FOR SMALL SPACES.



## Logitech MeetUp

Logitech® MeetUp is a premier ConferenceCam designed for small conference rooms and huddle rooms. With a room capturing, super-wide 120° field of view, MeetUp makes every seat at the table clearly visible. Motorized pan/tilt widens FOV even further: up to 170°. A low-distortion Logitech-engineered lens, Ultra HD 4K optics, and three camera presets deliver remarkable video quality and further enhance face-to-face collaboration.

MeetUp's integrated audio is optimized for huddle room acoustics and delivers an exceptional sound experience. Three horizontally-aimed beamforming mics and a custom-tuned speaker help ensure your meetings sound as great as they look. Humans have evolved to associate human voices with their visible images. MeetUp's front-of-room

audio provides an intuitive and coherent listening experience.

With a compact all-in-one design that minimizes cable clutter, MeetUp is USB plug-and-play and simply works right out of the box with any video conferencing software application and cloud service—including the ones you already use.



BlueJeans

lifesize.

zoom

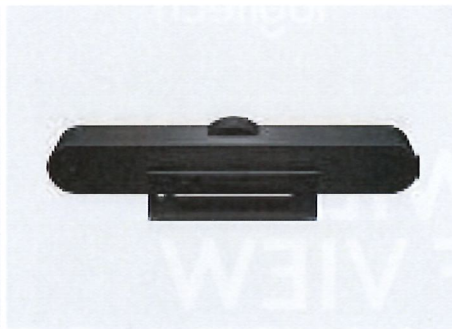
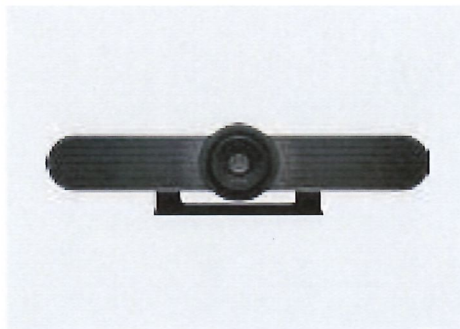


broadsoft





# Logitech MeetUp



## FEATURES & BENEFITS

### Super-wide 120° field of view

Widest field of view of any Logitech video conferencing solution allows everyone in the room to be seen, even those close to the camera or seated at the edges of the room.

### Ultra HD 4K image sensor

Supports multiple resolutions, including 4K (Ultra HD)<sup>1</sup> 1080p (Full HD) and 720p (HD) to best support the quality offered by your application and monitor.

### 3-microphones and custom-tuned speaker

Three broadside beamforming, omni-directional microphones with noise and echo cancellation—plus a custom-tuned speaker—are specifically optimized for small conference rooms. Mics are Microsoft® Cortana® certified for precision with voice commands with any Windows® 10 system.

### Razor-sharp optics

Enhance face-to-face collaboration to the next best thing to physically being there. Advanced Logitech lens technology delivers remarkable video quality with superb resolution, speed, fluidity, color balance, and detail.

### 5x HD zoom

Zero in on close-ups of objects and whiteboard content with outstanding detail and clarity.

### Motorized pan/tilt

Expand your field of view even further—up to 170°—to pan to the white board or view other areas of interest.

### 3 camera presets

Select up to three preset locations for the camera view and return to any of them with the push of a button on the remote control.

### Bluetooth® wireless technology

Connect to a Bluetooth device for great-sounding audio calls.

### Expansion microphone-ready

Optional expansion microphone increases conversational radius in larger huddle rooms.

### All-in-one design

Compact all-in-one form factor takes up less space and minimizes cable clutter.

### RF remote control

Easily operate camera pan/tilt/zoom functions during meetings.

### Certified for Business

Business-grade certifications<sup>2</sup> mean you can launch your next presentation or video meeting with complete confidence.

### Plug-and-play USB connectivity

Easily connects to PC, Mac® and Chrome™ devices with no additional software required.

### Works with most video conferencing applications

Compatible with virtually any video conferencing software app, including the ones you already use.

### Multiple mounting options

Freedom to mount MeetUp wherever it works best—tabletop, wall, or monitor—for the best possible huddle room experience.

### Kensington® security slot

MeetUp is provisioned with a Kensington security slot to help secure the equipment with an anti-theft lock.

## CERTIFICATIONS

Certified for Skype® for Business, Cisco Jabber™ compatible<sup>3</sup>, Windows, Mac, Microsoft Cortana certified

## PRODUCT SPECIFICATIONS

### MeetUp

Part #: 960-001101  
Price: \$899  
UPC: 097855130037

### MeetUp + Expansion Mic

Part #: 960-001201  
Price: \$1,079  
UPC: 097855133267

### Optional Expansion Mic

Part #: 989-000405  
Price: \$219  
UPC: 097855131171

### Optional TV Mount

Part #: 939-001498  
Price: \$79  
UPC: 097855133250

## PRODUCT DIMENSIONS + WEIGHT

### Camera

400 x 104 x 85 mm  
15.75 x 4.1 x 3.35"  
1.04 kg/2.3 lbs

### Remote

83 x 10 x 83 mm  
3.25 x 0.375 x 3.25"  
72 g/2.5 oz

## SYSTEM REQUIREMENTS

Windows 7, Windows 8.1, or Windows 10

Mac OS X® 10.10 or higher

Google Chromebook™ Version 29.0.1547.70,  
Platform 4319.79.0 with:

2.4 GHz Intel® Core 2 Duo processor

2 GB RAM or more

USB 2.0 port (USB 3.0 required for 4K video)

## COMPATIBILITY

UVC/plug-and-play compatible

## INSIDE THE BOX

MeetUp camera and speakerphone unit

Remote control

5 m USB 2.0 cable

Power adapter

Wall mounting bracket and hardware

## SOFTWARE DOWNLOADS

Designed to work with the built-in operating system  
USB video-class driver

Optional Camera Settings App provides:

Camera image settings

Pan, tilt and zoom

To download visit: [www.logitech.com/support/MeetUp](http://www.logitech.com/support/MeetUp)

## WARRANTY

2-year limited hardware

[www.logitech.com/MeetUp](http://www.logitech.com/MeetUp)

To order, contact your reseller or call us  
at 800-308-8666

Published April 2017

Logitech Inc. 7700 Gateway Blvd., Newark, CA 94560

<sup>1</sup> Requires a USB 3.0 cable, not included.

<sup>2</sup> Certified for Skype® for Business, Cisco Jabber™ compatible.  
Enhanced integration with BlueJeans, Broadsoft,  
LifeSize® Cloud, Vidyo and Zoom.

<sup>3</sup> See [www.logitech.com/ciscocompatibility](http://www.logitech.com/ciscocompatibility) for the latest version

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## Quote

Date	Number
02/07/2021	1171

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
14	Ooma Office Pro, 3rd Party VOIP solution (uses Internet connection), price/user per month (\$4200/year), includes Desktop App, call blocking/recording, voicemail to email, Music-On-Hold, standard call routing, subscription paid directly to Ooma	25.00	350.00		350.00
1	Netgear 24 port PoE switch, 380W, lifetime warranty.	430.00	430.00		430.00
6 hrs.	Computer Service - Pines. Assist with creation of Ooma Office Pro account, set up users, provision phones, install install new Netgear PoE switch to power/connect phones, test.	90.00	540.00		540.00
Note: This is a hosted phone solution which uses the Township Internet connection to establish voice calls. Phones are connected directly to the network/Internet and share bandwidth with other Internet traffic. There is no on-premise equipment other than phones, extensions are managed via a web-portal.					
<b>Sub Total:</b>			1,320.00		1,320.00
<b>Total:</b>				\$	1,320.00

Thank you for considering Pines Computer Consulting.

Sincerely,  
Mike Ryan



# OomaOffice™

## It's time to switch to Ooma Office.



Get more features. Reduce your phone service bill.  
Enjoy no contracts. All of this for \$19.95 monthly per user.

It's no wonder we keep winning awards.



### Never miss an opportunity

Callers will never hear a busy signal with our virtual receptionist. You can automatically route, and message them with info such as directions, hours, and promos.



### Work from anywhere

Whether you're using our smartphone app, desktop app (Pro) or both, your business is anywhere you are.



### Keep your phone number

Or pick a new number in almost any area code for free.



### Reduce costs

Flat rate monthly user pricing is all inclusive and comes with no contracts, ever. Unlimited calling to U.S., Canada, Mexico, and Puerto Rico.



### Easy to set up

Set up features, add users, and more in an intuitive web admin portal.



### Advanced features available

Upgrade to Ooma Office Pro and get Call Recording, Enhanced Call Blocking, our Desktop app, and more.

## Business Choice: VoIP Services 2020

### Ooma Office vs. Key Competitors: Overall Satisfaction



Selected by the readers of PCMag as the #1 VoIP Provider 7 years running.

Whether you have 2, 20, or 200 employees, the system easily expands.

Ooma Office comes loaded with features including:



### Calling Features

- Unlimited calling in U.S., Canada, Mexico and Puerto Rico
- Low international rates
- 911 service
- FREE number transfer
- One FREE toll-free number (includes 500 minutes of inbound calls per month)
- Main line company number
- One direct dial number per user

### Call Management Features

- Virtual receptionist w/multi-level
  - Business modes for open and closed hours
  - Dial by name
  - Route callers
  - Custom messages
- Music on hold, Transfer music, Ring groups, Intercom, Call park, Call blocking, Extension dialing, Extension monitoring, Voicemail, Call transfer, Call log, Call forwarding, Conference bridge per user, Forward calls during device outages, Virtual fax per user, Analog fax option, Virtual extensions, 7-digit dialing, Voicemail audio email attachments, Multi-ring desktop phone/app

### Mobility Features

- Smart phone app: 2-phones-in-1
- Extension dialing from desktop/mobile apps
- Call transfer from apps
- Caller ID (Company or DID)
- Voicemail
- SMS/MMS Messaging (Mobile app)
- Call Flip

### Advanced Features (Ooma Office Pro)

- Desktop App (with soft phone)
- Call Recording
- Enhanced Call Blocking
- Overhead Paging
- Voicemail Transcription

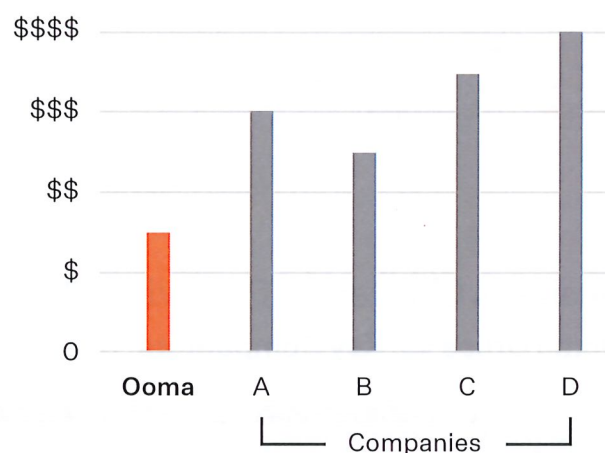
How Ooma Office stacks up to its competitors<sup>1</sup>

Ooma	AT&T	Vonage
\$19.95/month/user	\$70.00+/month/user	\$29.99/month/user
1 <sup>st</sup> place 2020 PC Mag Business Choice Award (7 years in-a-row)	Ranked 8 <sup>th</sup>	Ranked 4 <sup>th</sup>
Free Toll Free Number with 500 minutes a month	Toll Free Number for add'l \$14.00/month	Toll Free Number for add'l \$39.99/month
No long term or annual contracts	1 year contract	Month-to-month available
Low International Rates	Available International Calling	Available International Calling
24/7 Support	Mon-Fri 8am-6pm	24/7 Support

Save an average of 50% over competing business phone services

### 3-Year Cost of Ownership

(3 lines, 5 extensions)



<sup>1</sup>Service offerings and pricing described are as of March 21, 2018. Pricing and features are subject to change.

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## Quote

Date	Number
02/06/2021	1169

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
1	Vertical Summit 80 Hybrid IP/Digital Phone Package, Main Phone System with 16 hour voicemail, 8 incoming CO lines, 16 stations (expandable to 32 digital stations), 4 VOIP licenses, 14x Vertical 9224F digital phones w/full-duplex speakerphone, 4x 9820 10 button IP phones, voicemail-to-email, hybrid system, digital phone and VOIP capable.	4,860.00	4,860.00		4,860.00
1	VTech VCS712-2W full duplex speakerphone for conference room with 2 wireless DECT 6.0 microphones	449.00	449.00		449.00
8 hrs.	Computer Service - Pines. Install and configure new Vertical Summit phone system, program all extensions, configure voicemail and attendant greetings, set call routing, test.	90.00	720.00		720.00
Note: See attached product brochures for phone system and phone handset options. This would replace our current on-premise system with an updated system using the same phone network infrastructure (wiring and connecting equipment). There are four 9820 IP phones quoted, these could be used for remote workers as needed.					
<b>Sub Total:</b>			6,029.00		6,029.00
<b>Total:</b>				<b>\$</b>	<b>6,029.00</b>

Thank you for considering Pines Computer Consulting.

Sincerely,  
Mike Ryan





## Vertical Summit

The versatile Vertical Summit™ platform includes advanced VoIP technology that supports low cost SIP trunking, on/off-premise mobility, remote connectivity and multi-site networking to give your small business cost-effective options that add up to real-time communications and bottom-line benefits. Its optimized IP/TDM hybrid architecture gives you the ability to easily migrate from analog to IP with a comprehensive feature set, advanced mobile device integration and optional UC capabilities suitable for both single-site and multi-location businesses.

### Easy expandability

The Vertical Summit system includes two IP ports, two standard Summit Unified Communications Solution (UCS) Desktop Client with Voice softphone licenses, and two Summit UCS Mobile Client licenses. The Summit is built on a multi-cabinet architecture that allows four types of basic system units and one expansion unit to configure a dynamic system that delivers cost-effective communications and affordable expandability to small and midsize businesses.

The Summit is also compatible with the Vertical Summit™ 800, as well as Vertical's SBX IP and MBX IP platforms, so you can quickly network over 250 sites together while creating a simple migration path to the full-feature and cost-saving benefits of the Summit's built-in VoIP technology.

### Simple installation and maintenance

The Summit features advanced HTML5-based Web administration for intuitive system configuration and maintenance. The Install Wizard guides users through the basic installation in a series of simple steps in English or other local languages.



#### Key Features

- UCS Desktop Client with Voice (Softphone)
- UCS Mobile Client
- Presence
- Voice Conferencing
- Call Recording
- Voice Mail w/Email Notification
- Automatic Call Distribution (ACD)
- Auto Attendant
- Mobile & SIP Extensions
- Green Power Save



## Rich features and applications

Along with all the basic features and functions of a sophisticated phone system, such as one-touch Call Transfer, Caller ID, MOH, etc., the Summit delivers more advanced capabilities including an integrated multi-level Auto Attendant, and voice mail with both mobile and e-mail notification.

Leverage the full capabilities of the Summit with additional licensed applications for even more powerful features and functionality including videoconferencing, the ability to place calls directly from Web pages, and advanced call recording capabilities including automatic and/or on-demand recording of calls from any phone connected to your system.

### Supported Applications

- IP Attendant\* (Office/Hotel)
- UCS Mobile Client\*
- UCS Desktop Client w/Voice\*
- ClickCall\*
- Call Recording\*
- TAPI (3rd -party)
- SIPE (3rd -party)

\*License required



## System Capacity

Item	Capacity
CO/Trunk lines	Max. 60
Stations	Max. 140
Attendants	4
Modem Channel	1 (MODU)
Power Fail Circuit	Max. 6 (1 per KSU, Exp KSU, 4COx8Hybrid Card, 4COx16SLT Card)
AA/VM	4 channels, 1/16/60 1 hour
DECT Phones	48
Built-in VoIP channels	8 (2 channels by default, 6 channels by license)
IP Stations and SIP Trunks	32 Stations / 16 SIP Trunks



## Interface & Standard

Item	Specification
LAN Interface	10/100Base-T Ethernet
Serial Port (RS-232C)	1
USB Host Port Type	2.0
VoIP Protocol	SIP and H.323 Revision 2
Voice Compression	G.711/G.726/G.729/G.723.1
Voice/Fax Switching	T.38
Echo cancellation	G.165

## Dimension & Weight

W x H x D (mm)	Cabinet	307 x 294 x 126.6
	Expansion Cabinet	307 x 294 x 126.6
Weight (Kg)	Cabinet	2.0
	Expansion Cabinet	1.99



*With built-in VoIP technologies and advanced pure IP software, the Vertical Summit is a flexible, cost-effective solution ideally suited for the mobile workplace.*

## Environmental

Temperature	32°-104° F (0°- 40° C)
Humidity	0 - 80% (non-condensing)

## Power Requirement

Item	Capacity	Specification
PSU	AC Voltage Input	100~240 +/- 10% Volt AC @ 47-63 Hz
	AC Power Consumption	90 Watts
	AC Input Fuse	2A @ 250 Volt AC
	DC Output Voltage	+5, -5, +27, +30 Volt DC
External Backup Battery	Input Voltage	+24 Volt DC (+12 VDC x 2 each cabinet)
	Battery Fuse	5.0A @ 250 Volts AC, 5AG
	Charging Current	Max. 200 mA
	Battery Load Current	Max. 3A (cabinet only), Max. 6A (cabinet & expansion cabinet)

## Supported Phones

IP Phones	Part Number/Description
Edge 9000 Series IP Phones	VIP-9030-00 24-Button IP Phone/HD Full Duplex
	VIP-9020-00 10-Button IP Phone/HD Full Duplex
	VIP-9010-00 5-Button IP Phone/HD Full Duplex
	VIP-9002-00 4-Button IP Phone/HD Full Duplex

Supported Phones *Continued*

IP Phones (cont.)		Part Number/Description
UCS Mobile Client		VS-5092-10 (for Android v2.3 & higher and iOS v5.1 & higher)
UCS Desktop Client		VS-5092-06 UCS Standard Desktop (w/o Voice) VS-5092-07 UCS Standard Desktop w/Voice VS-5092-08 UCS Premium Desktop (w/o Voice) VS-5092-09 UCS Premium Desktop w/Voice
Digital Phones		Part Number/Description
Edge 9000 Series Digital Phones		VU-9008-00 8-Button Digital Phone/HD Full-Duplex VU-9030-00 30-Button Digital Phone/HD Full-Duplex Backlit
Edge 4000 Series Digital Phones		4008-00 8-Button Digital Phone 4024-00 24-Button Digital Phone
Edge 700 Series Digital Phones		VW-E700-8B 8 Button Digital Phone VW-E700-24B 24 Button Digital Phone
Wireless Phones		Part Number/Description
Summit Wireless DECT System		VS-5032-98 Summit DECT Base Station VS-9007-00 Summit DECT Handset VS-5032-99 Wireless Interface Board
Nomad IP WiFi Phone		4507-70
DECT Cordless Phone		V10000
Analog Phones		Part Number/Description
Vodavi Starplus Analog Phones		2801 Basic Single Line Phone 2802 Basic Single Line Phone w/Speakerphone 2803 Two-line Hospitality Phone
Additional Endpoints		Part Number/Description
Door Box		3560-08 Door Phone Box w/Call Button

*Note not all phone models will support all Summit features. Vertical supports SIP standards of operation. Vertical does not guarantee the operation of all 3rd-party phones.*

*\*Requires additional license*

For more information on solutions from  
Vertical Communications®, call 1-877-VERTICAL,  
or visit [www.vertical.com](http://www.vertical.com).

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Roswell, GA 30076  
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**RMA & Technical Support**

4717 East Hilton Avenue  
Suite 400  
Phoenix, AZ 85034  
Phone: (480) 374-8900  
FAX: (480) 374-8852







## Vertical Edge 9200 Series Digital Phones

Empower your business with the Edge 9200 series digital phones. Just plug it in and get working immediately with the powerful simplicity of the Edge 9200's intuitive menus and feature buttons. The crystal clear voice quality combined with a variety of speakerphone and headset options ensures that every user can communicate effectively.

### Edge 9240 Full Duplex Phone

Large display phone made for managers with flexible, self-labeling buttons and a high-quality full-duplex speaker-phone

- 320 x 144 graphic LCD with backlight
- 12 dual LED flexible buttons with second page for 24 total buttons and 3 soft-keys
- Full duplex speaker phone
- Ergonomic tilting for different display angles
- RJ-9 headset support
- Optional DSS console- 12/24/48 button
- Optional EHSA connects to external headsets
- Optional wall mount



H x W x D (mm)  
229 x 229 x 126.2

### Edge 9224F Full Duplex Phone

High-performance full-duplex phone with 24 fixed buttons and multi-line display for operators and other high-intensity phone users

- 192x 36 graphic LCD with backlight
- 24 dual led fixed buttons with 5 soft-keys
- Full duplex speaker phone
- Ergonomic tilting for different display angles
- RJ-9 headset support
- Optional DSS console- 12/24/48 button
- Optional EHSA connects to external headsets
- Optional wall mount



H x W x D (mm)  
229 x 229 x 126.2

### Edge 9224 Half Duplex Phone

Cost-effective half-duplex phone with 24 fixed buttons for every day workers

- 3x 24 character LCD without backlight
- 24 dual led fixed buttons with 5 soft-keys
- Half duplex speaker phone
- Ergonomic tilting for different display angles
- RJ-9 headset support
- Optional DSS console- 48 button
- Optional EHSA connects to external headsets
- Optional wall mount



H x W x D (mm)  
229 x 229 x 126.2

### Edge 9208 Half Duplex Phone

Basic digital phone with simple functionality for break rooms, warehouses, and other occasional use locations

- 2x 24 graphic LCD without backlight
- 8 dual led fixed buttons
- Half duplex speaker phone
- RJ-9 headset support
- Optional wall mount



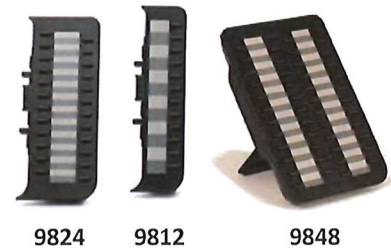
H x W x D (mm)  
195 x 229 x 108

### Edge 9200 DSS Button Consoles

Expand the features at your fingertips with additional buttons for Edge 9200 series phones

VIP-9812-DSS	12 Button
VIP-9824-DSS	24 Button
VU-9248-DSS	48 Button

- Powered by keyset
- Triple color LEDs
- Paper underlay for button names
- Add one 9812 or 9824 to supported phones
- Add up to two 9848s to supported phones



### Edge 9800 EHS Adaptor

Increase your team's efficiency by connecting to industry leading headsets, the Electronic Hook Switch Adaptor enables call answer/disconnect controls on the headset

- Works with wired and wireless headsets
- Supports Plantronics Serial Bus (PSB)
- Supports Jabra UART Bus
- Powered by phone



For more information on solutions from Vertical Communications®, call 1-877-VERTICAL, or visit [www.vertical.com](http://www.vertical.com).

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## Quote

Date	Number
02/08/2021	1175

Bill To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

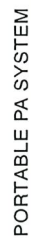
Ship To
DeKalb Township 2323 S. Fourth St. DeKalb IL 60115

Qty	Description	Price	Subtotal	Discount	Total
1	PA system for conference room/meeting rooms, mixer with amp, 2 speakers with stands, microphone with cable and stand. Note: systems vary in price \$700-\$1500 (examples: Harbinger L2404FX, Yamaha StagePAS 600BT, JBL EON615)	1,500.00	1,500.00		1,500.00
4 hrs.	Computer Service - Pines. Connect and test PA Package System.	90.00	360.00		360.00
Note: PA Packages are a complete system and would come with speakers (12" or 15"), speaker stands, mixer/amp, microphone, mic cable and stand. Packages are portable.					
Sub Total:			1,860.00		1,860.00
Total:				\$	1,860.00

Thank you for considering Pines Computer Consulting.

Sincerely,  
Mike Ryan



 Bluetooth®

When it comes to portable live sound solutions, I don't get any better than STAGEPASS. With impressive power and sound quality, intuitive control, and a comprehensive array of flexible features, now including Bluetooth wireless audio streaming, the all-in-one PA system built on the STAGEPASS legacy of providing everything you need to transform any environment into your own personal stage.



## Bring It

Quickly carry, set up and use your audio system in seconds at virtually any location.



### Ultimate portability

Compact and light enough to carry by hand, the CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### Fast and easy set-up

With its intuitive, simple design, CR1240PFC can be set up in seconds. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### A PA for any occasion

Portable enough to be used as a truly responsive PA system, CR1240PFC can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.



## Set It

Put in your ideas, and in no time using the intuitive, flexible interface.

### Bluetooth

Streamline your audio system with Bluetooth. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### SPX digital reverb

Over 100 digital reverb settings to choose from, the CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### 1-Knob Master EQ™

Master EQ is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### Channel EQ

Channel EQ is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.



## Mix It

Versatile features and seamless functionality ensure your mixes are always right on the money.

### Channel EQ

Channel EQ is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### Reverb

Reverb is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### Monitor out

Monitor out is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### Shaper out

Shaper out is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.



## Crank It

Turn it up with confidence and your ultimate sound reinforcement system has your back.

### More power

More power is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### Same sonic experience

Same sonic experience is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

### Intelligent DSP for peak performance that lasts

Intelligent DSP for peak performance that lasts is a simple, intuitive way to adjust the sound of your audio system. The CR1240PFC system can be set up in seconds at virtually any location. The two 12" speakers are built into a single unit, and the system is powered by a rechargeable battery. The CR1240PFC system is the most portable PA system ever.

