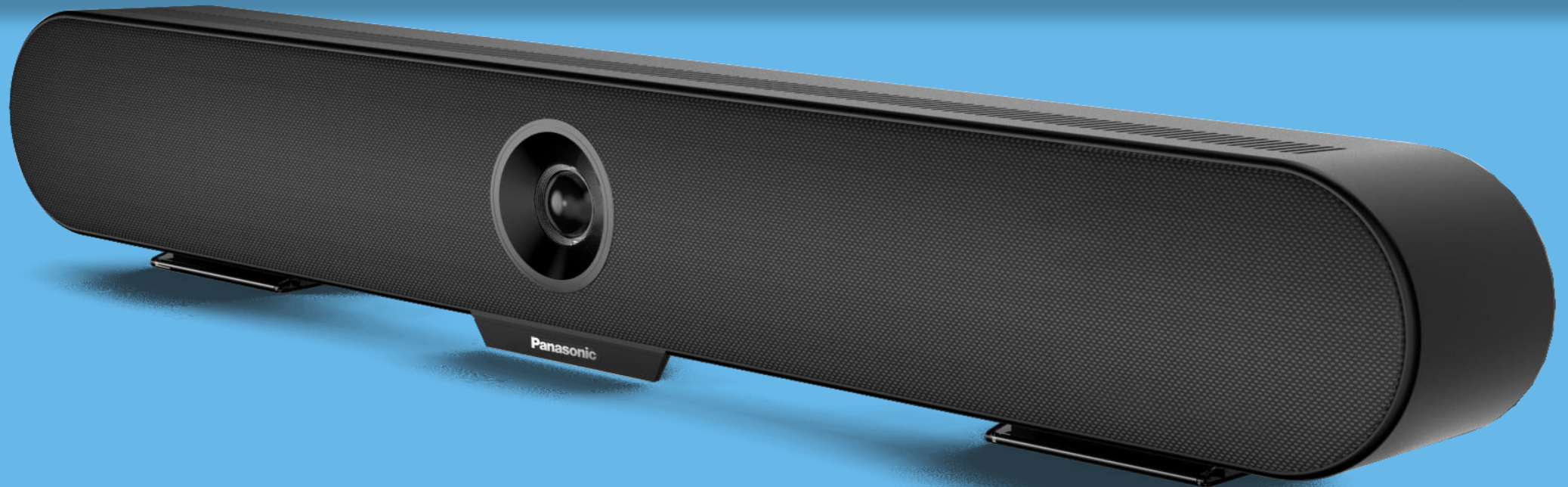


# Panasonic

## USB COLLABORATION CAMERAS & Speakerphone

KX-VDW120SX | KX-VDW500SX | KX-VDW200SX | KX-VDW300SX  
KX-VDW320SX





## Why USB Cameras?

**Video conferencing surged to the forefront in 2020, as people around the globe had to work from home.**

**As the world starts to return to normal, we can observe that cloud video communications has become the dominant form of interaction.**

**Now, in 2021, cloud video conferencing is the must-have application to support hybrid work. Because more and more people have adopted cloud meetings as the channel to communicate.**

**Microsoft Teams has 115 million daily active users as of October 2021—a 50% increase from the 75 million reported six months earlier**

**Zoom claims 300 million daily Zoom meeting participants**

**Google Meet is adding roughly 3 million new users per day, recently hitting over 100million daily Meet meeting participants**

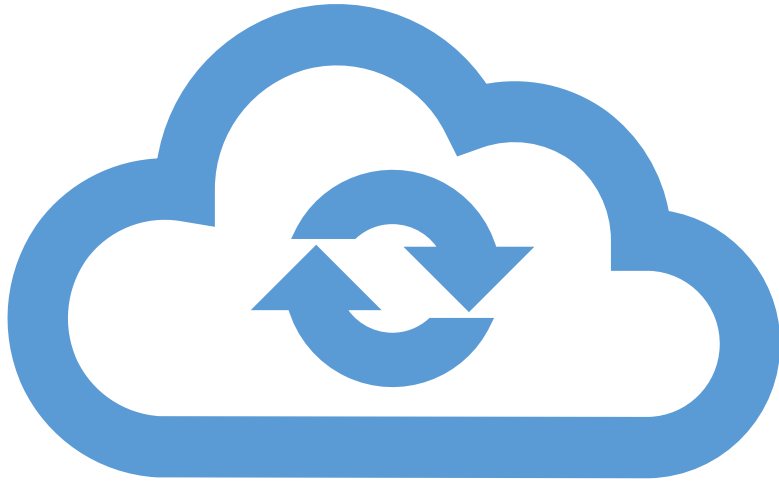
**Cisco reports a total of 300 million WebEx users**



## Why USB Cameras?

**With the popularity of cloud -based meeting solutions, USB cameras, which are an ideal choice for a clear and easy communication, is more and more frequently being adopted in organizations.**

# The True Power of USB Video Conferencing



**Easy to Deploy**



**No complicated network deployment.**



**Flexible & Scalable**



**Works with any cloud-based solution and connects to maximum no of participants without upgrading the hardware.**



**Cost effective**



**Range of models to choose from as per your budget requirements.**

# 4 Models Introduced



**KX-VDW120SX**



**KX-VDW200SX**



**KX-VDW500SX**



**KX-VDW300SX**

# Cameras for All Room Size



KX-VDW120SX



KX-VDW500SX



KX-VDW200SX



KX-VD300SX

Small Conf Rooms (2-6 Pax)

Medium Conf Room (6-8 Pax)

Large Conference (8-15 Pax) Board Room (15-25 Pax)



“Huddle rooms”

“Conference Rooms”

“Board Rooms”

**Panasonic**

MODEL NUMBER  
KX-VDW120SX

# 4K EPTZ AUTO FRAMING CAMERA



# Discussion Points:-

- Functions & Top Features**
- Unboxing-Components in the Box?**
- Main Parts & Interfaces**
- How to Set up**
- Comparison with Top Competitor Models**



# FEATURES



Built-in dual MIC pick-up



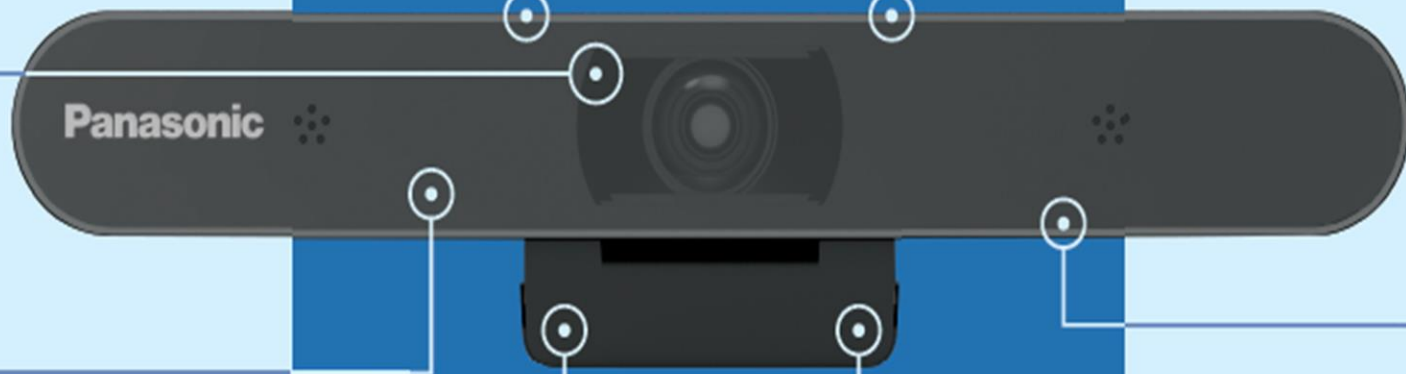
4K EPTZ Auto Framing Camera



4x HD Digital Zoom



Standard Micro USB2.0 interface



Plug-and-play USB connectivity



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



Super-wide 110° field of view

zoom

Bluejeans

lifesize

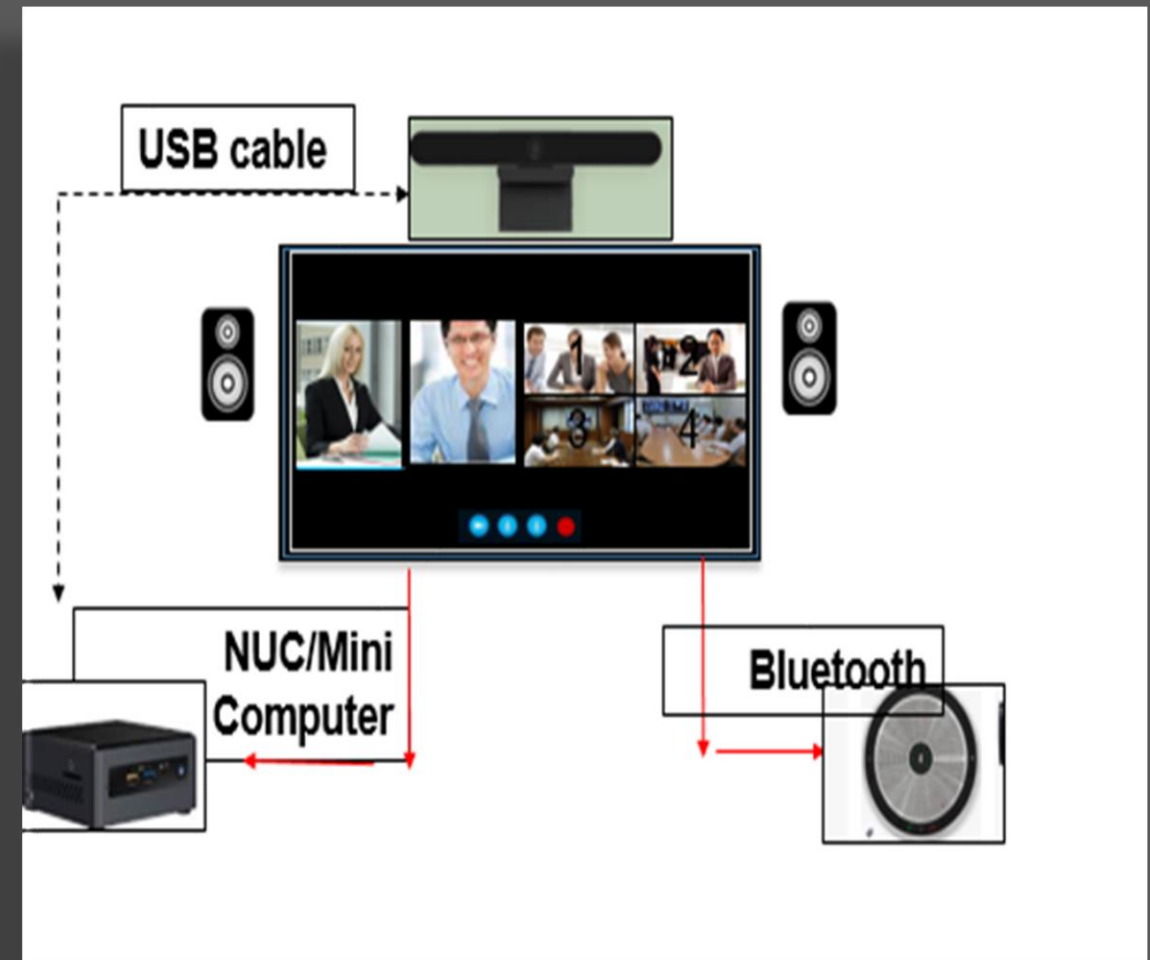
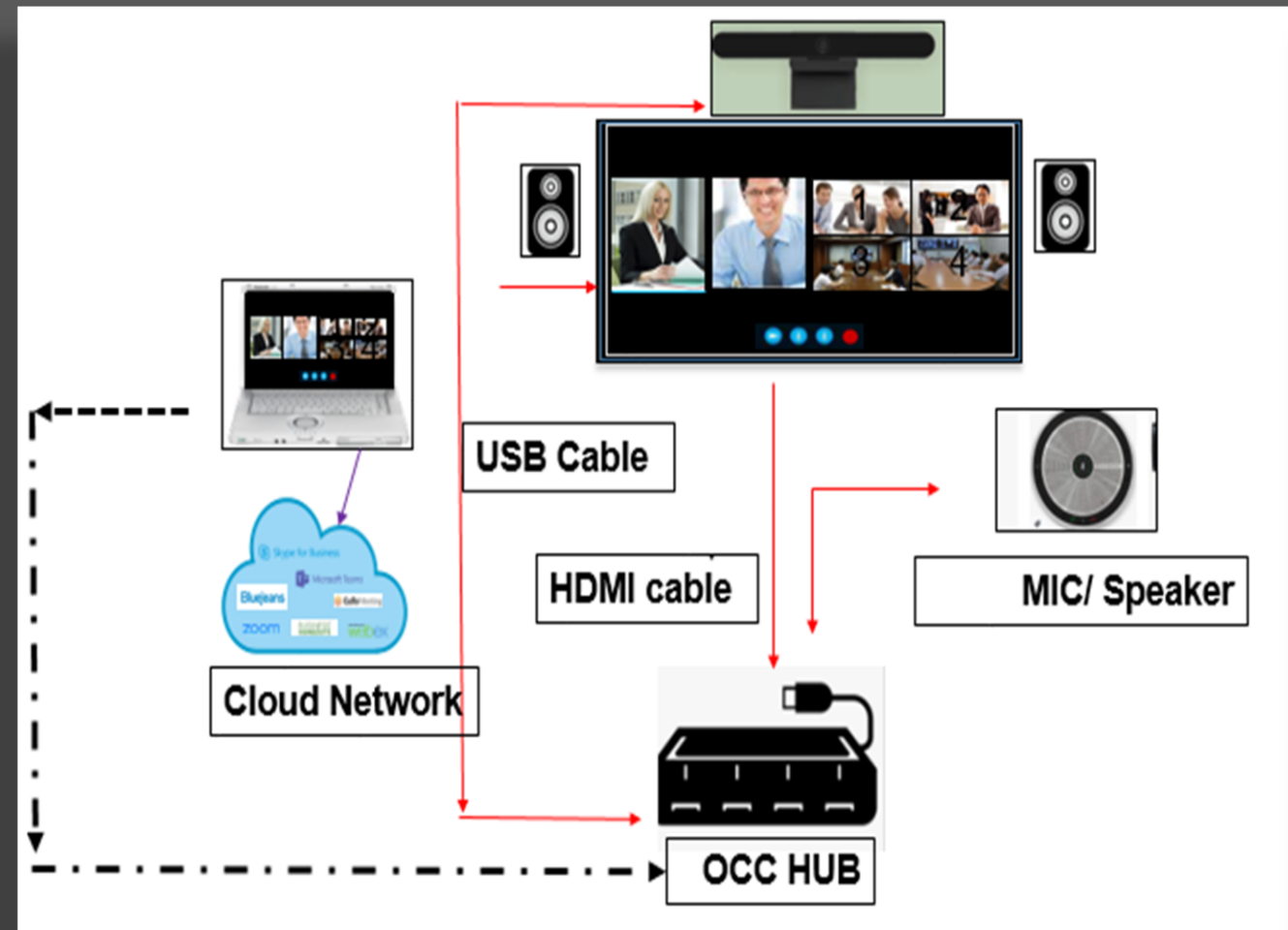
Microsoft Teams

HDVC/WAVE




# How to Set up

## OPTION 1:- PC Based WEB Conference

## OPTION 2:- DIRECT on Display using a NUC



# Comparison Sheet

			
Model	Panasonic KXVDW120SX	Avaya HC020	Polycom E70
Ideal for	Huddle and small conference rooms	Huddle and small conference rooms	Huddle and small conference rooms
<b>CAMERA</b>			
Maximum Resolution	3840x2160@30fps resolution	3840x2160@30fps resolution	3840x2160@30fps resolution
Optical Zoom (*)	-	-	-
Digital Zoom (*)	4X	8X	7.3X
HFoV	110	104°	120
VFoV	98	68°	70
Pan & Tilt Range	ePTZ	ePTZ	ePTZ
Focal Length	f=2.8mm, f=2.2mm	f=2.8mm	
Built in microphone	✓	✓	✓
Auto Framing	✓	✗	✓
<b>AUDIO</b>			
Built in Speaker	✗	✗	✗
<b>GENERAL</b>			
Interface	USB2.0/USB3.0 Type C	USB3.0	Type C USB 3.0
Dimensions w/h/d	210mm×74mm×49mm	194mm x 34mm x 42mm	321 mm (W) x 102 mm (H) x 89.1 mm (D)
Weight	0.28KG	0.34KG	0.9 KG
Voltage Range	DC5V(USB power supply)	5V (USB power supply)	POE 37V-56V
3rd Party Integrations	MS® Teams, Zoom®, Bluejeans®, Cisco Webex®, Panasonic Wave	MS® Teams, Zoom®, Bluejeans®, Cisco Webex®, Panasonic Cloud, Avaya Spaces	MS® Teams, Zoom®, Bluejeans®, Cisco Webex®, Panasonic Cloud, Avaya Spaces

# 4K ALL-IN-ONE SOUNDBAR

MODEL NUMBER KX-VDW500SX



# Reimagined

# Top Features

Built-in high-sensitive omnidirectional microphone, up to 5 meters of sound pickup distance, support Automatic Noise Suppression (ANS), Acoustic Echo Canceller (AEC) and Automatic Gain Control (AGC).



All-in-one design with built-in camera, microphone, speaker



4K Ultra HD resolution @30FPS, brings super clear video experience



Implemented with intelligent video analysis and EPTZ technology, able to automatically frame meeting



Compatible with Windows7/8/10, Android, iOS, etc. Supports various video conference platforms



Compact design, USB driver free, easy connection and quick installation, plug and play







110° ultra-wide FOV with no distortion, full coverage of the whole meeting room



# Comparison Sheet

K  
X  
-  
V  
D  
W  
5  
0  
0  
S  
X

				
MODEL	Panasonic KX-VDW500SX	Logitech Meet Up	Polycom Studio	Avaya CU 360
IDEAL FOR RECOMMENDED NO OF PARTICIPANTS	Midsize & Huddle conference rooms needing hands-free speaker tracking camera			
CAMERA	6 to 10			
Video Resolution	4K Ultra HD	4K Ultra HD	4K Ultra HD	HD
Optical Zoom (*)	-	-	-	-
Digital Zoom (*)	4X	5X	5X	5X
HFoV	110 degree	120 degrees	120 degrees	110 degrees
VFoV	74 degree	-	-	68 degrees
AUDIO				
Microphone	4 MIC array	3 MIC array	4 MiC Array	4 MiC Array
Speaker	✓	✓	✗	✓
Voice Pick Up Radius	UPTO 5 M	LESS THAN 3 M	UPTO 4 M	UPTO 5 M
Echo Cancellation	✓	✓	✓	✓
Noise Control	✓	✓	✓	✓
Auto Gain Control	✓	✗	✓	✓
Motion & Face Detection for Auto Framing	✓	✗	✓	✓
GENERAL				
Warranty	1 year	2 years limited hardware warranty expandable upto 1 year	1 year limited warranty	1 year
Weight	1.6 kgs	1.04 Kgs	2.0 Kgs	1.5 kgs
Power Supply	12V	12 V	12 V	10V
3rd Party Intergration	Zoom, Teams, Bluejeans, Panasonic Cloud Wave	Zoom, Teams, Bluejeans, Panasonic Cloud Wave	Zoom, Teams, Bluejeans, Panasonic Cloud Wave	Zoom, Teams, Bluejeans, Panasonic Cloud Wave

**Panasonic**

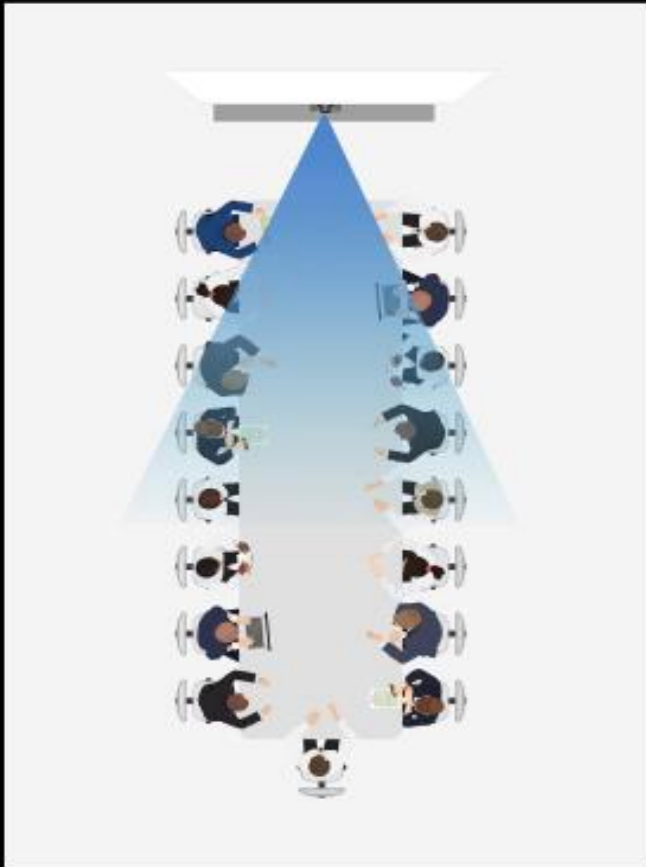
MODEL NUMBER  
KX-VDW200SX

USB  
SPEAKER  
TRACKING  
CAMERA



# Key USP's

**12X optical Zoom & 12X digital Zoom for Exceptional Quality for medium & Large Rooms**





# Top Features

## 2. Auto Framing

Full view EPTZ to achieve automatic framing, intelligent to select all participants.

## 3. Speaker Tracking

Combined with speech locating technology and automatic face detection and recognition algorithm, accurate locating of the speaker

## 4. Easy Plug & Play Installation

## 5. Wide Angle PTZ Camera for Complete Coverage

PAN RANGE	-90° ~+90°
TILT RANGE	-30° ~+90°

# Top Features

## Multiple Outputs for Easy Plug and Play Installation

1. HDMI 2. USB 2.0/3.0





# SPEAKERPHONE FOR ALL DEVICES

PANASONIC KX-VDW320SX

## PRODUCT USE CASE

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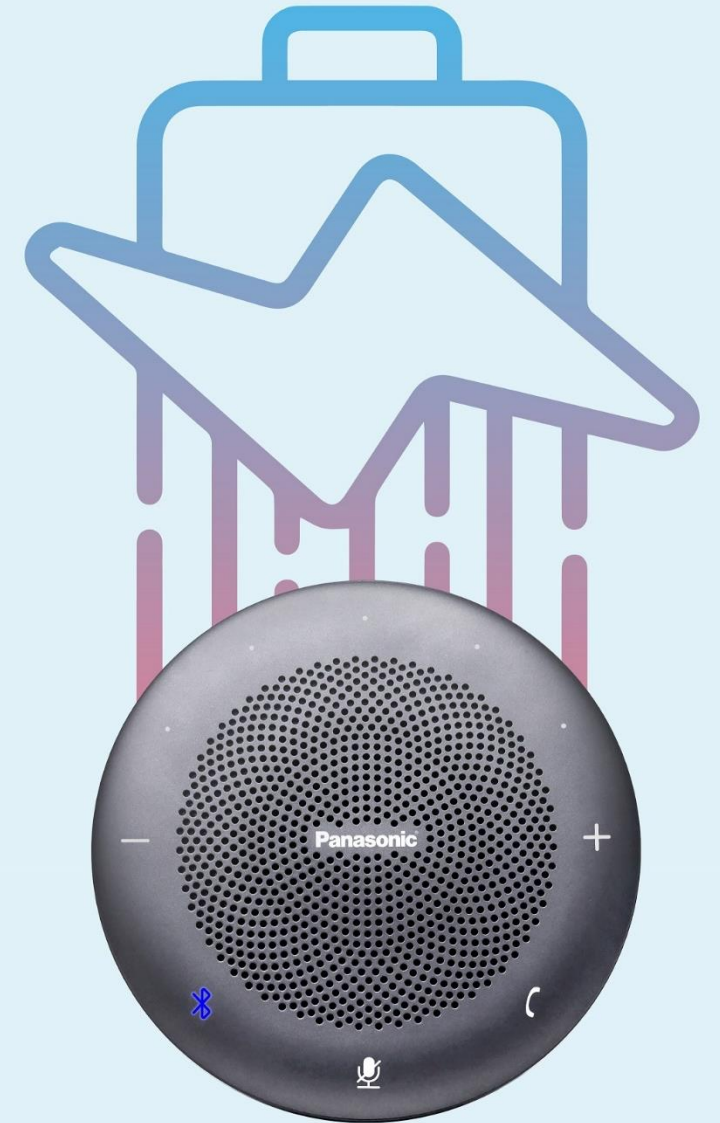
### TAKE THE MOBILE PANASONIC KX-VDW320SX ANYWHERE

When you need to take a call in a busy office, at home, or in a hotel room, the Panasonic speakerphone provides long battery life with up to 8 hours of talk time. A custom speaker and noise-cancelling mic offer clear sound on both ends of the call.

## 8 HOURS LONG BATTERY LIFE

---

Supports 8-hour of Playtime on a single charge with the maximum volume



# Panasonic

KX-VD



## FLEXIBLE HANDS-FREE CONFERENCING

For the multitasking professional, the Panasonic KX-VDW320SX speakerphone lets you instantly connect and start a video conference/calls using your mobile device.

# Panasonic

KX-VDW320SX  
Bluetooth and USB  
Conference Speaker

## DESIGNED FOR BUSINESS

Works with all leading cloud platforms,  
start with what you are currently using.



Google meet



Microsoft Team



Zoom



## DESIGNED FOR BUSINESS

Video conferencing is easy with the 320SX. Optimized for Microsoft<sup>®</sup> Lync<sup>™</sup>, Cisco<sup>®</sup> compatible, and certified for Skype<sup>®</sup> and Skype for Business, the 320SX provides enterprise-quality audio and an integrated conferencing experience.\*



## Technical Specifications

Microphone	
Type	3-Element Array, Omnidirectional
Voice Pickup Range	3m (Radius)
Frequency Range	150Hz ~7.5kHz
Speaker	
Sound Channel	1
Output Power	1× 5W
Maximum Sound Pressure Level	85dB SPL @0.5m 1KHz
Distortion	≤ 1% @1W, 1kHz
Signal to Noise Ratio	≥ 75dB
Signal to Noise Ratio	≥ 75dB
Frequency Range	150Hz~16kHz
Power Supply	
Power Supply	USB- Type C
Battery Charging	5V/2A
Battery Capacity	7.4V/2200mAh
LED Indicator Light	Power/Volume/Bottom



Physical Specification	
Dimension (Diameterx Height)	120x 37mm
Dimension (package) Lx Wx H	211x 150x 66mm
Net Weight	390g
Gross Weight	540g

Environmental Condition	
Operation Temperature	0°C~40°C
Operation Humidity	10%~90%RH
Storage Temperature	-20°C~60°C
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters

Compatible Application	
Support all Major VC Platform	ZOOM, Microsoft® Teams, Google Meet, Google Hangouts, Cisco WebEX® Blue jeans etc.





					
Brand	PANASONIC 320SX	JABRA SPEAK 510	EPOS 30+	POLY SYNC 20+	YAMAHA YVC 200
END CUSTOMER PRICE	TBD	18000	26789	18000	26000
Support all Major VC Platform	✓	✓	✓	✓	✓
CONNECTION MODES					
Bluetooth Connection	✓	✓	✓	✓	✓
USB Connection	✓	✓	✓	✓	✓
EXTENDED USB	✓	X	X	X	✓
AUX Connection	✓	X	X	X	X
Daisy Connection	✓	X	X	X	X
MICROPHONE					
Voice Pickup Range	3 Meters	1.5 Meters	1.5 Mtrs	2 Meters	2 Meters
No of Mic Arrays	3		2	3	3
Full Duplex	✓	✓	✓	✓	✓
Noise Cancellation	✓	X	X	X	✓
Echo Cancellation	✓	✓	✓	✓	✓
SPEAKER					
Speaker Output	1× 5W				
PHYSICAL SPECIFICATION					
Led Indicator Light	✓	X	X	X	X
Net Weight	390g	200g	314 g	290 g	280g
Battery Capacity	7.4V/2200mAh	-	-	3200mAh	-

# MARKET SEGMENTATION



Personal Workplace/Home Office



Huddle rooms



Conference Rooms

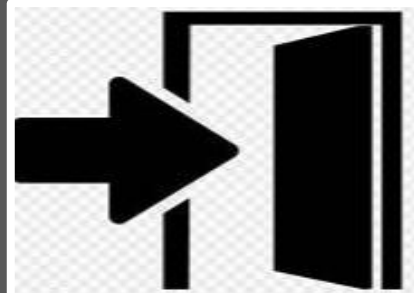
# Why Panasonic?

- A. Reputed Global Accepted Consumer Brand**
- B. One Door Solution for Meeting room.**
- C. Secured devices for your Internal & External Communication**
- D. Service Support & excellent Warranty Terms & Conditions**

**Panasonic**



Service Centers



THANKYOU FOR YOUR TIME😊