

Philips SmartMeeting range comparison sheet



Philips SmartMeeting HD
Audio & Video
Conferencing Solution
PSE0550



Philips SmartMeeting
Portable Conference
Microphone
PSE0540



Philips SmartMeeting
Wireless Conference
Microphone
PSE0501

Microphones

Number of microphones	4	4	6
Arrangement	Ring	Ring	Ring
Type	Digital silicon microphone	Digital silicon microphone	Digital silicon microphone
Sensitivity	-29 dB	-29 dB	-29 dB
Sampling rate / Sampling bits	16 kHz / 16 bit	48 kHz / 16 bit	48 kHz / 16 bit
Recording distance	About 6 m / up to 6 people	About 6 m / up to 6 people	About 6 m / up to 12 people
Recording coverage angle	Horizontal 360°	Horizontal 360°	Horizontal 360°
Signal-to-noise ratio	65 dB	65 dB	65 dB
Communication mode	Full duplex	Full duplex	Full duplex

Video

Image sensor	1/2.8 inch CMOS sensor
Video format	MJPEG
Frame rate	30 frames per second
Lens zoom	AF, 4 x digital zoom at 1920 x 1080 px, digital zoom is not supported at higher resolutions
Focal length	2.88 mm
Field of view	88 degrees
Minimum illumination	0.2 Lux (F1.2)
Video resolution	1920 x 1080 px, 2592 x 1944 px, 3840 x 2160 px
Camera position presets	3, via remote control

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Connection and compliance

Connection type	USB-C 2.0 / USB video device class (UVC)	Bluetooth 5.0 / USB-C 2.0	Bluetooth 5.0 / USB-C 2.0 (charging)
Seamly meeting assistant support	•	•	•
Compliant to 2011/65/EU (RoHS)	•	•	•
Lead-free soldered product	•	•	•

Loudspeakers

Number of speakers	2	2	4
Speaker output power	2 x 5 W	2 x 5 W	4 x 5 W

Remote control

Type	IR
Radius	Up to 10 m

Battery

Type	Li-ion	Li-ion	Li-ion
Capacity	2800 mAh	2800 mAh	5000 mAh
Runtime	Up to 5 hours	Up to 5 hours	Up to 10 hours
Charging time	3 hours	3 hours	5 hours

Dimensions and conditions

Product dimensions (W x D x H)	8 x 8 x 23.3 cm / 3.1 x 3.1 x 9.2 inches	8 x 8 x 19.6 cm / 3.1 x 3.1 x 7.7 inches	30 x 14 x 6.12 cm / 11.8 x 5.5 x 2.4 inches
Weight	1080 g / 38.1 oz	560 g / 19.8 oz	980 g / 34.6 oz
Color	Dark grey / silver	Dark grey / silver	Dark grey
Temperature range	5° – 45° C / 41° – 113° F	5° – 45° C / 41° – 113° F	5° – 45° C / 41° – 113° F
Humidity range	10 % – 90 %	10 % – 90 %	10 % – 90 %
Operating system	macOS 12, Windows 10 or later	macOS 12, Windows 10 or later	macOS 12, Windows 10 or later