



Experience Communication in High Definition



High Definition Audio

LifeSize® Phone™ is the High Definition audio conference phone that delivers a revolutionary level of quality to audio conferencing.

Better Input. Powered by 16 always-on microphones and patent-pending Circular Microphone Array™ and beam forming technology, LifeSize Phone provides exceptional room coverage over other phones.

(Expand the coverage so everyone can be heard)

Better Algorithms. True CD quality, super wide-band audio operates up to 16 kHz frequency using MPEG-4 AAC, the same algorithm used in the popular iPod® and iTunes® products.

Better Output. Using a specially designed titanium speaker driver and tuned ported enclosure, LifeSize Phone reduces unwanted noise and distortion by up to 10X over any other conference phone—and no need for a subwoofer.

Flexible Connectivity. LifeSize Phone provides Voice over IP (VoIP) audio conferencing and integration to a host of Enterprise-class IP-PBX systems. Also, use LifeSize Phone as a fully integrated audio solution with LifeSize® Room™ and LifeSize® Team™ video systems.

Hear and understand everyone. No more conference fatigue.
LifeSize Phone sets the new standard in productive conferencing. Clearly.

The Advantages are Clear

Complete Room Coverage — Pick up all talkers in the room without unwanted noise. Innovative design with 16 omnidirectional microphones and exclusive Circular Microphone Array provides a superior approach to gated, directional microphone devices

Super Wide-Band, Up to 16 kHz Audio — World's best frequency response from 100 Hz up to 16 kHz for highly intelligible conferencing

Standards Compliant — Works with standard SIP or H.323 IP PBX or IP service provider implementation

Low Distortion and Ambient Noise — Designed to reduce noise from HVAC, projector fans for sensitive microphone or talker pickup without the noise

Elegant, Non-Intrusive Design — Updated design and no additional microphone pods or sub woofers required.

Simple to Use — Intuitive keypad and display, add a third participant at the touch of a button

Investment Projection — Software-based, remotely upgradable device.

Product Specifications

Phone Console Specifications

System Speaker

Specially designed titanium speaker driver
¼ liter tuned ported speaker enclosure
Typical frequency response: 100 Hz to 16 kHz
for stand alone phone with IP connection

Distortion:

<0.5% 400 Hz - 20 kHz

<2% 100 Hz - 400 Hz

Volume: adjustable to 90dBA spl @ .5m

No sub-woofer required

System Microphones

Circular Microphone Array with 16 embedded
microphones and beam forming with Directivity
Index (DI) greater than 4 for all audio frequencies
No microphone pods required

Display

Large monochromatic LCD display
240 x 64 pixels; .250 mm pitch



Keypad

Intuitive keypad

Network

VoIP connectivity or video systems integration in one
device

Audio Standards

G.711; G.722; G.722.1c (Polycom® Siren14™); G.729;
MPEG-4 AAC
SIP: RFC 3261; 3264; 2833

Network Configuration Options

IP Configurations

Standard SIP or H.323 IP PBX or IP service
provider implementation

To access supported implementations:
www.lifesize.com/support



QOS

Packet loss concealment

Jitter buffer granularity of 1ms

AEC echo tail of >100 ms

No Mobile Phone or PDA Interference

Designed to reduce or eliminates radio frequency
interference when placed adjacent to LifeSize Phone

Systems Management & Maintenance

Web browser management for setup and usage

Inventory and remote management using SNMPv3

LifeSize® Control™ management software on IP network

System Design

Physical Dimensions

Height: 40.89 mm / 1.61 in

Diameter: 286.29 mm / 11.27 in

Weight: 1.34 Kg / 3 lbs

Environmental Data

Operating temperature:

0°C (32°F) to 40°C (104°F)

Operating humidity:

10% to 85%, non-condensing

Storage temperature:

-40°C (-40°F) to 70°C (158°F)

Storage humidity: 10% to 90%

LifeSize Phone Package

Tabletop console

Quick start guide

Cables:

1-30 ft. (9.14m) RJ-45 cable to Speakerphone Console

Power over Ethernet (PoE) enabled, 802.3af

PoE Adapter not included. For recommendations, visit:
www.lifesize.com/support

LifeSize Phone is available worldwide in multiple
languages.

For additional information: www.lifesize.com/support

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