



## Phones & Devices

# Avaya DECT 3745 / 3749 Wireless Handsets

## Wireless Handsets for Rugged Environments

### Overview

In noisy, dusty production environments—factories, chemical plants, mills, etc.—in-building wireless communications can be a convenience, a boost to productivity and, in dire situations, a life-saver.

Digital Enhanced Cordless Telephony (DECT) is an ideal wireless solution for these environments because it supports a secure, dedicated, voice-only network in an assigned frequency band. This eliminates or minimizes interference from RFID devices or scanners.

DECT also requires a shortened planning cycle when compared with Wi-Fi and is consequently more easily scalable.

### Handsets for Production Environments

Avaya DECT 3745 / 3749 Wireless Handsets are specifically designed for rugged production environments. These shock and scratch-proof phones with back-lit keypads, large displays and enhanced liquid and dust protection are designed to enable users to quickly make and receive phone calls (including Caller ID), take advantage of hold, conferencing and messaging and get efficient access to additional Avaya Aura® Communication Manager capabilities.



**The Built-In  
Speakerphone,  
Headset  
Compatibility  
and Text  
Messaging  
Simplify  
Communications  
for Workers  
in Widely  
Distributed  
Production  
Locations.**

Communications takes place over a dedicated, encrypted wireless network. Batteries support up to 18 hours of talk time and up to 150 hours of standby time (10 / 90 hours on the 3745 & 3749).

The 3749 DECT telephone is certified to ATEX (Atmospheres explosables) standard, Explosion protected and CSA (Canadian Standard Association) approved. It can be used in areas where an intrinsically safe device is required (e.g. the chemical industry, mills).

Built-in sensor and alarming capabilities make these handsets a good choice for isolated or other high-risk work environments where an employee might be working alone. They can be integrated with building security systems.

Enhanced security allows early encryption and re-keying during an ongoing call and also addresses the security risk of staying permanently open for registration by placing registration activation under user's control. Secure Real-Time Transport Protocol (SRTP) is available for voice encryption on an IP network.

The DECT standard is widely used in Europe and was approved in the United States in 2006.

**AVAYA 3745 AND 3749 DECT HANDSETS  
AT-A-GLANCE:**

- Operate in an Assigned Frequency Band
- High Security and Excellent Voice Quality
- Liquid—and Dust—Protected and Shock-Proof
- Long-Range and Battery Life (up to 18 hours talk time)
- IP DECT and ISDN DECT Network Compatibility
- Rich Selection of Accessories

**Learn More**

Avaya can help your company maximize productivity with the communications solutions specific to the needs of your workforce. To learn more about Avaya DECT 3745 / 3749 Wireless Handsets, contact your Avaya Account Manager or Authorized Partner. Or, visit us online at [www.avaya.com](http://www.avaya.com)

## Avaya DECT 3745 / 3749 Wireless Handsets are Specifically Designed for Rugged Production Environments.

### About Avaya

Businesses are built on the experiences they provide and every day millions of those experiences are built by Avaya (NYSE:AVYA). For over one hundred years, we've enabled organizations around the globe to win—by creating intelligent communications experiences for customers and employees. Avaya builds open, converged and innovative solutions to enhance and simplify communications and collaboration—in the cloud, on premise, or a hybrid of both. To grow your business, we're committed to innovation, partnership, and a relentless focus on what's next. We're the technology company you trust to help you deliver Experiences that Matter. Visit us at [www.avaya.com](http://www.avaya.com).

<b>Avaya DECT 3745 / 3749 Wireless Handsets</b>	
<b>Dimensions</b>	143 x 59 x 29 mm
<b>Weight</b>	180g
<b>Display</b>	128 x 160 px Black & White LCD with White LED Back-Light 3745, 3749: 128 x 160 px 64K Color LCD with White LED Back-Light
<b>Management</b>	Centralized Software Upgrade and Remote Handset Configuration Over-the-Air (only IP DECT) and also via Intranet (using the advanced or rack mount charger)
<b>Durability</b>	Liquid and Dust Protected (IP 65), Drop Tested (IEC 68-2-32, Procedure 1, Dropped 12 Times from 2.0 m)
<b>ATEX / IECEx Approvals</b>	3749 only: ATEX and IECEx for Gas: II 2G EEx ib IIC T4 Dust: II 3D Ex ibD 22
<b>Headset Connector</b>	Bluetooth 2.0, Hands-Free Profile (3745 & 3749 only) Wired Headset Connector Preserves Liquid and Dust Protection
<b>Speech Time</b>	18 Hours 3745, 3749: 10 Hours w / o Bluetooth, 12 Hours with Bluetooth
<b>Standby Time</b>	150 Hours 3745, 3749: 90 Hours (with Bluetooth enabled but not connected)
<b>Speaker Phone</b>	Full Duplex Loud Speaking Function on 3745 Half Duplex Loud Speaking Function on 3749
<b>Languages (19)</b>	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Portuguese, Russian, Slovakian, Spanish, Swedish, and Turkish
<b>Local Phone Book</b>	250 Contacts
<b>Voice Network Compatibility</b>	IP and ISDN
<b>Frequency Range</b>	EU: 1880-1900 MHz US: 1920-1930 MHz LA: 1910-1930 MHz BR: 1910-1920 MHz
<b>Operating Temperature</b>	3745: -10°C to +55°C 3749: -10°C to +40°C (-10°C to +55°C in areas where ATEX approval is not required)
<b>System Compatibility</b>	Avaya Aura® Avaya IP Office™ Avaya Approved Third Party Platforms

