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 3740 / 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 (10/80 hours on the 3749).

The 3749 DECT telephone has an ATEX certification (EMEA and US) so that 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.

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

AVAYA 3740 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
# Avaya DECT 3740 / 3749 Wireless Handsets

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>143 x 59 x 29 mm</th>
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<tbody>
<tr>
<td>Weight</td>
<td>180g</td>
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| Display             | 3740: 128 x 160 pixel Black & White LCD with white LED back-light  
                      3749: 128 x 160 pixel 64k color LCD with white LED back-light |
| Management          | Centralized software upgrade and remote handset configuration over-the-air (only IP DECT)  
                      and also via Intranet (using the advanced or rackmount charger) |
| Durability          | Liquid and dust protected (IP 65), drop tested (IEC 68-2-32, procedure 1, dropped 12 times from 2.0 m) |
| ATEX / IECEx Approvals | 3749 only: ATEX and IECEX for Gas: II 2G EEx ib IIC T4  
                          Dust: II 3D Ex ibD 22 |
| Headset connector   | Bluetooth 2.0, hands-free profile (3749 only)  
                      Wired headset connector preserves liquid and dust protection |
| Speech Time         | 3740: 18 hours  
                      3749: 10 hours (with BlueTooth enabled but not connected) |
| Standby Time        | 3740: 150 hours  
                      3749: 80 hours (with BlueTooth enabled but not connected) |
| Speaker phone       | Half-duplex loud speaker function |
| Languages (19)      | Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian,  
                      Norwegian, Polish, Portuguese (Brazilian), Portuguese, Russian, Slovakian, Spanish,  
                      Swedish, and Turkish |
| Local Phone Book    | 250 contacts |
| Voice Network Compatibility | IP and ISDN |
| Frequency Range     | EU: 1880-1900 MHz  
                      US: 1920-1930 MHz  
                      LA: 1910-1930 MHz  
                      BR: 1910-1920 MHz |
| Operating Temp.     | 3740: -10°C to +55°C  
                      3749: -10°C to +40°C (-10°C to +55°C in areas where ATEX approval is not required) |
| System Compatibility | Avaya Communication Manager; Integral Enterprise; Integral 5; IP Office R7 |
| Accessories         | Corded headsets; leather case; belt clips; basic, advanced and battery charger (battery charger only 3740) |

## 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 3740 / 3749 Wireless Handsets, contact your Avaya Account Manager or Authorized Partner. Or, visit us online at [avaya.com](http://avaya.com).

## About Avaya

Avaya is a global leader in business communications systems. The company provides unified communications, contact centers, data solutions and related services directly and through its channel partners to leading businesses and organizations around the world. Enterprises of all sizes depend on Avaya for state-of-the-art communications that improve efficiency, collaboration, customer service and competitiveness. For more information please visit [www.avaya.com](http://www.avaya.com).