The enterprise sound bar ESB-1090 is the ideal product to install with flat-screen TVs at offices, schools and hotels. Including 2 built-in subwoofers, dome tweeters, and full range speakers, the ESB-1090 delivers rich sound output and premium sound quality for middle-sized rooms. Offering 3 preset modes, “Conference mode”, “Education mode” and “Hotel mode” optimized for remote conference/education, for optimal content sharing output!

**Main Use Cases**

- **Corporate**
  - Remote flexibility
  - Optimized with conference mode

- **Education**
  - Hybrid + Remote flexibility
  - Optimized for learning environments

- **Hospitality**
  - Contents sharing optimized for relaxation, TV + music

**Key Features**

- **Rich sound output and premium sound quality enhance remote conferencing and content sharing**
  - The sound bar incorporates 2 built-in subwoofers, dome tweeters, and full range speakers

- **3 preset modes optimize the sound and operability for offices, schools and hotels**
  - In Conference and Education mode, the sound output is optimized for conversation, so you can hear the farend voice very clearly
  - In Hotel mode, you can enjoy TV or music content sharing on your device

- **Installs flexibly and easily with flat-screen TVs**
  - Both flat and wall mount installation options are available, and the sound is optimized by built-in gyroscope
  - The sound bar can mounted on a wall easily with screws, so you don’t have to use a bracket

- **Blends into modern room designs**
  - Its simple and slim design matches naturally matches any space and flat-screen TV setup
## TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>General</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drivers</strong></td>
<td>Front L/R: 5.5 cm (2-1/8&quot;) cone x 2, Tweeter: 2.5 cm (1&quot;) dome x 2, Built-in subwoofer: 7.5 cm (3&quot;) cone x 2</td>
<td></td>
</tr>
<tr>
<td><strong>Output Power</strong></td>
<td>Front L/R: 30 W x 2, Built-in subwoofer: 60 W</td>
<td></td>
</tr>
</tbody>
</table>
| **Power Supply** | [U.S.A. and Canada models]: AC 100 V to 120 V, 50/60 Hz  
[U.K., Europe and Russia models]: AC 100 V to 240 V, 50/60 Hz |
| **Power Consumption** | 30 W (Rated) |
| **Standby Power Consumption** | 0.2 W (HDMI control off, Bluetooth standby off)  
1.7 W (HDMI control off, Bluetooth standby on)  
0.6 W (HDMI control on, Bluetooth standby off)  
2.2 W (HDMI control on, Bluetooth standby on) |
| **Maximum Volume** | Max SPL: 96 dB at 1 m |
| **Frequency Bandwidth** | For playback: 62 Hz to 23,000 Hz  
Installing the unit in front of a TV, etc.: 890 x 53 x 131 mm (35" x 2-1/8" x 5-1/8")  
Mounting the unit on a wall, with spacers: 890 x 131 x 62 mm (35" x 5-1/8" x 2-1/2") |
| **Weight** | 3.4 kg (7.5 lbs) |
| **Operating Environment** | Temperature: 5ºC to 40ºC (41ºF to 104ºF)  
Humidity: 30% to 90% (no condensation) |
| **Storage Environment** | Temperature: -20ºC to +60ºC (-4ºF to 140ºF)  
Humidity: 30% to 90% (no condensation) |
| **Accessories** | The unit, Remote control, Power cord, Optical digital audio cable, Mounting template, Spacers (*2/sheet), Owner’s Manual |
| **Others** | Mode change: Conference mode, Education mode, Hotel mode |
| **Decoder** | Supported Audio Signal: PCM, Dolby Digital, Dolby Pro Logic II, DTS Digital Surround (up to 5.1ch) |
| **Input Jacks** | HDMI 1 (HDMI IN), Digital Optical 1 |
| **Output Jacks** | HDMI 1 (HDMI OUT (ARC)), Analog 1 (Subwoofer out) |
| **Other Jacks** | Network 1 (Ethernet), USB 1 (update only) |
| **Interface** | Bluetooth: Version: 4.2  
Supported profiles: A2DP  
Supported codecs: SBC, AAC  
Class: Bluetooth Class 2  
Range (line-of-sight): Approx. 10 m (33 ft)  
Supported content protection method: SCMS-T  
[U.K., Europe and Russia models]: Radio frequency 2402 MHz to 2480 MHz  
Maximum output power (EIRP): 9.5 dBm (8.9 mW) |
| **Wired Network** | Ethernet standard: 100BASE-TX/10BASE-T |
| **Compliance** | Classification: Class B Device  
Safety: CB (IEC62368-1, IEC60065), CE (EN62368-1, EN60065), UL/CSA (UL62368-1, CSA62368-1)  
EMC: FCC (Part 15 Subpart B (SDoC)), ICES-003, CE (EN61000-3-2, EN61000-3-3, EN55035, EN55032)  
Radio: FCC (Part 15 Subpart C), RSS-247, CE (EN300328, EN62311, EN301 489-1, EN301 489-3, EN301 489-17)  
Environment: RoHS compliant |
| **Warranty** | 2 years |

### ABOUT YAMAHA

Since its founding in 1887, the Yamaha Corporation Group has developed its business activities focusing on musical instruments, audio products, Yamaha music schools, semiconductors, and other products and services related to sound and music. With its unique expertise and sensibilities, gained from our devotion to sound and music, Yamaha is committed to creating excitement and cultural inspiration together with people around the world. With 10 years of history in the Japan market, Yamaha’s dedicated unified communications department focuses on solutions that enhance communication and help organizations reach their business goals.

---

© 2021 Yamaha Corporation. All rights reserved.
Product features and specifications are subject to change without notice by Yamaha.
All other product and company names and logos that appear in this leaflet are trademarks or registered trademarks of their respective owners.

DS-ESB-1090-20200525-EN