

## 50" 4K Ultra HD Android TV™

The 50BN5EA is a 4K Ultra High Definition LED Android TV™ with exceptional multimedia functionality.



 **50" / 126 cm**

 **3840 x 2160**



 **Android TV**

Android Smart Ultra HD 50BN5EA provides a wide range of connection possibilities.

Android TV™ provides customers with a modern and intuitive approach to TV that provides more value than just watching content. It's an all in one, entertainment hub.

Android TV™ with the Google Assistant provides a smarter viewing experience. Quickly access entertainment, control smart devices, get answers on screen, and more using your voice.

- 4K Ultra HD Android TV™
- HDR (High Dynamic Range)
- Screen Size 126 cm (50")
- Dolby Vision™ - cinema-inspired HDR
- Dolby Atmos® - full 360° sound experience
- HARMAN/KARDON® Speaker System
- The Google Assistant
- Chromecast Built-in
- Bluetooth®
- UHD Tuner DVB-T/T2/C/S/S2 (MPEG4 + HEVC/H.265 (10-bit))



androidtv

SOUND SYSTEM BY  
harman / kardon



NETFLIX

prime video



TV PRODUCT FEATURES

|                                               |                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------|
| Operating System                              | Android 9.0                                                                     |
| Pre-installed Apps                            | Netflix, Youtube, Google Play Movies & TV, Google Play Store, Prime Video       |
| USB Video                                     | MKV, MP4, MOV, AVI, MPG, MPEG, 3GP, 3GPP, ASF, FLV, WEBM, VOB, DAT, TS, TRP, TP |
| USB Music                                     | MP3, M4A, AAC, AC3, EAC3, DTS, WAV, FLAC, LPCM                                  |
| USB Photo                                     | JPG, JPEG, BMP, PNG, GIF, MPO                                                   |
| Media Network Streaming (Video, Photo, Music) | Yes / Yes / Yes                                                                 |
| HbbTV                                         | Yes (v 2.0.1)                                                                   |
| USB File System                               | FAT32, NTFS                                                                     |
| USB 4K Video                                  | Yes                                                                             |
| Digital Programme List                        | Yes                                                                             |
| Home Media Server                             | Yes                                                                             |
| Google Assistant With Microphone              | Yes                                                                             |
| OTA Updates                                   | Yes                                                                             |
| HDMI ARC                                      | Yes                                                                             |
| HDMI CEC                                      | Yes                                                                             |

DISPLAY SYSTEMS

|                                 |                           |
|---------------------------------|---------------------------|
| Diagonal Screen Size cm         | 126                       |
| Diagonal Screen Size Inch       | 50                        |
| Panel Resolution (HxV) In Pixel | 3840 x 2160               |
| Dynamic Contrast                | 1 000 000:1               |
| Backlight Scanning              | False                     |
| Active Motion                   | 600                       |
| HDR support                     | HDR10, HLG, Dolby Vision™ |

AUDIO SYSTEMS

|                            |                                                       |
|----------------------------|-------------------------------------------------------|
| Speaker                    | Full-range + silk tweeter                             |
| Speaker power (W)          | 2x10W (8 ohm)                                         |
| Sound System               | BG, DK, I, L, L', MN, NICAM/A2                        |
| Sound Settings             | Sound Equaliser                                       |
| Audio decoder              | Dolby Digital, Dolby Digital Plus, Dolby AC-4, DTS-HD |
| Sound Technology           | Harman-Kardon                                         |
| Audio enhancement solution | DTS Virtual:X™                                        |
| 3D sound processing        | Dolby Atmos®                                          |

I/O SYSTEMS

|                                   |                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------|
| Antenna Input                     | Yes                                                                                               |
| Satellite Input                   | Yes                                                                                               |
| HDMI 4K @ 60 Hz (2.0b)            | x4                                                                                                |
| USB                               | x2                                                                                                |
| Micro USB                         | x1                                                                                                |
| 3.5mm Headphone jack / line-out   | Yes                                                                                               |
| RJ 45 (LAN - 10BASE-T/100BASE-TX) | x1                                                                                                |
| Wi-Fi Max Transmitter Power       | 100 mW at 2,412 GHz – 2,472 GHz; 100 mW at 5,150 GHz – 5,350 GHz; 100 mW at 5,470 GHz – 5,725 GHz |
| Remote Control                    | IR+BT                                                                                             |
| Bluetooth                         | Yes                                                                                               |
| Micro SD card slot                | x1                                                                                                |
| Composite Input                   | Yes                                                                                               |
| Component/YPbPr                   | Yes                                                                                               |
| L/R Audio for Component/Composite | Yes                                                                                               |
| Digital Optical Audio Output      | Yes                                                                                               |

VIDEO SYSTEMS

|                 |                                               |
|-----------------|-----------------------------------------------|
| TV System (ATV) | PAL, SECAM                                    |
| TV System (DTV) | DVB-T/T2/C/S/S2 (MPEG4 + H.265/HEVC (10-bit)) |
| Video system    | HEVC/H.265 (10-bit), MPEG4/H.264, VP9         |

POWER INFORMATION

|                                              |                                                                                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------|
| Power Requirements                           | AC 220-240V ~ 50/60Hz                                                                   |
| Power Consumption (ecomode/standard/max) (W) | 70/95/115                                                                               |
| Power Consumption (W)                        | 70                                                                                      |
| Standby Power Consumption (W)                | <0,50                                                                                   |
| Energy Class                                 | G                                                                                       |
| Plug                                         | CE Plug                                                                                 |
| Auto Power Off                               | Yes                                                                                     |
| Safety Logo Certification                    | CE (RED, RoHS, ErP), REACH/PAH/SCCP                                                     |
| EPREL                                        | <a href="https://eprel.ec.europa.eu/qr/379707">https://eprel.ec.europa.eu/qr/379707</a> |

LOGISTIC INFORMATION

|                                       |                                                                                                                                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size (W x H x D in mm)           | 1124,5 x 656,4 x 85,7                                                                                                                           |
| Unit Weight (kg)                      | 12,2                                                                                                                                            |
| Packaging Content                     | Product, Remote control, 2x AAA batteries, TV stand installation pack, Quick start guide, Wall mount set (4x M6x35 screw and 4x plastic spacer) |
| Box Size (W x H x D in mm)            | 1200 x 745 x 160                                                                                                                                |
| Gross Weight (kg)                     | 16                                                                                                                                              |
| Net Size with Stand (W x H x D in mm) | 1124,5 x 707,2 x 235,7                                                                                                                          |
| Dimension Between Stand Feet (in mm)  | 1074,8                                                                                                                                          |
| VESA Standard (mm)                    | 200 x 200                                                                                                                                       |
| EAN                                   | 4974019153599                                                                                                                                   |

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Google Assistant is not available in certain languages and countries.  
Our products are mercury and lead free (mercury content 0.0%, lead content 0%)



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