



Philips
Professional TV

50" B-Line
powered by Android™



50BFL2214

Professional productivity

with Chromecast built-in and HDMI hotplug

Boost productivity. Philips B-Line seamlessly integrates into corporate systems for efficient control. Chromecast built-in ensures presentations run smoothly with instant wireless media sharing from Windows, Apple and Android™ devices.

Smart control features

- Compatible with Extron and Neets systems
- Crestron Connected certified system integration
- Install and manage apps remotely with AppControl
- Operate, monitor and maintain via CMND & Control
- Scheduler for content playback at selected times
- Can tune TV channels, including ATSC, QAM and IPTV

Vibrant and efficient

- Android updates provide the latest functionality
- Google Play Store access for apps and media
- HDMI hotplug detection with auto on/off function
- Supports Pro:Idiom™ encrypted content
- Superb audio quality without external speakers
- UHD resolution for attention grabbing content
- Chromecast built-in for wireless content sharing

PHILIPS

Highlights

Powered by Android

Android-powered Philips Professional Displays are fast, versatile and easy to navigate. The displays are optimised for native Android apps and you can install web apps directly to the display too. Automatic updates ensure apps stay up to date.

Chromecast built-in

Make meetings run smoother and faster with seamless wireless connectivity to the big screen from any Apple, Windows or Android™ device. Chromecast built-in enables instant casting of presentations and media from mobiles, laptops, and tablets in up to 4K resolution. It's cost-effective, requires no extra hardware, and is secure for corporate use.

Compatible with Extron

Compatible with Extron and Neets systems

Crestron Connected certified

Connect this Philips Professional Display to your Crestron network for full remote control via your laptop, desktop or mobile device. Switch the display on and off, schedule content, manage settings, and easily connect external devices. Crestron Connected® provides a fast, reliable

and secure enterprise level solution for wireless and wired content sharing from Apple, Windows, Android and Linux devices.

Google Play Store access

Full access to the entire Google Play Store makes it easy to add apps, games, music, movies, and more to your Philips Professional Display. New business tools and extra entertainment options are added to the catalogue daily, ensuring that you always have access to the latest global trends.

HDMI hotplug detection

When wireless connectivity is not an option, HDMI hotplug detection recognises direct cabled connections from presentation sources and automatically handles source changes and on/off functioning.

AppControl

Take full, centralised control of the apps installed on your Philips Professional Displays. AppControl lets you install, delete, and manage apps on selected Displays or your entire network so that you can offer personalized experiences to your guests and customers-no matter how many displays you are managing.

CMND & Control

Run your display network over a local (LAN or RF) connection. CMND & Control allows you to perform vital functions like updating software and settings, as well as monitoring display status. Whether you're in charge of one TV or more, CMND & Control makes managing your fleet easy.

Scheduler for content playback

Built-in scheduler makes it easy to launch content and apps based on time of day for a more engaging environment with better results.

Superb audio quality

Superb audio quality without external speakers

UHD resolution for attention

UHD resolution for attention grabbing content

Supports Pro:Idiom™

Supports Pro:Idiom™ encrypted content

ATSC, QAM and IPTV

Can tune TV channels, including ATSC, QAM and IPTV

Specifications

Picture/Display

- Diagonal screen size (inch): 50 inch
- Display: 4K Ultra HD LED
- Contrast ratio (typical): 5000:1
- Panel resolution: 3840x2160p
- Brightness: 300 nit
- Operation Mode: Landscape, 16/7

Supported Display Resolution

- HDMI: Up to 3840x2160p@60Hz
- USB, LAN: HEVC: up to 3840x2160@60Hz, Others: up to 1920x1080p@60Hz

Tuner/Reception/Transmission

- Digital TV: 8VSB ATSC; 256QAM Cable
- Analog TV: NTSC
- IP Playback: Multicast, Unicast, HLS, OTT App Channels

Android TV

- OS: Android TV™ 9 (Pie)
- Pre-installed apps: YouTube, Google Play Store*, Google Play Movies, Google Play Games, YouTube Music
- Memory size(Flash): 16GB*

Corporate Features

- Wired Presentations: Auto Input Selection, Auto Power ON, Auto Power OFF
- Wireless Presentations: Chromecast built-in, Secure Sharing, Network-managed Sharing
- Signage Functions: CMND&Create, Scheduler, Banners
- Control: Crestron Connected (v2), Extron, SICP over IP
- Customizable: Home Screen, Location Name, Device Name

Professional TV Features

- Professional Mode: Installation Menu Lock, Menu Lock, Switch-ON Settings Control, Volume Limitation
- Control: AppControl, CMND IP Remote Management, JAPIT HTML5 Control, JEDI Android API Control

- Convenience: >40 Supported Menu Languages, Google Account Login, Google Assistant*, Weather Forecast
- Safety: Double Isolation Class II, Flame Retardant
- DRM: ProIdiom, VSecure

Multimedia

- Video playback supported: Formats: H.264/MPEG4 AVC, MPEG1, MPEG2, MPEG4, WMV9/VC1, HEVC, Containers: AVI, MKV, VP9
- Music formats supported: MP3, AAC, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitle formats supported: SRT, SMI, TXT
- Picture formats supported: JPG, PNG, BMP, GIF

Audio

- Sound output Power: 20 (2x10) W
- Speakers: 2.0, Down Firing
- Sound Features: DTS-HD, Dolby Atmos Compatible, Dolby MS12D, AC-4, DTS Studio Sound
- External speaker out: 1.5W Mono 8 Ohm

Power

- Mains power: AC 110-240V; 50-60Hz
- Ambient temperature: 0°C to 40°C (32°F to 104°F)
- Standby power consumption: <0.5 W
- Power Saving Features: Eco mode, Auto switch-off timer
- Maximum Power Consumption: 120 W

Green Specifications

- Energy Star

Accessories

- Included: Remote Control 22AV1905A/12, 2x AAA batteries, Power Cord
- Optional: Setup RC 22AV9574A/12

Wireless Connectivity

- Wireless LAN: 802.11 ac, Wifi-Direct

Connectivity Bottom

- Antenna: F-Type
- Digital Audio out: Optical

- Ethernet (LAN): RJ-45
- HDMI3: HDMI 2.0 with HDCP 2.2
- USB2: USB 2.0
- External power: 12V, max 1.5A
- HDMI4: HDMI 2.0 with HDCP 2.2
- External speaker out: Mini-Jack

Connectivity Side

- HDMI1: HDMI 2.0 with HDCP 2.2
- HDMI2: HDMI 2.0 with HDCP 2.2
- Headphone out: Mini-Jack
- USB1: USB 3.0

Connectivity Enhancements

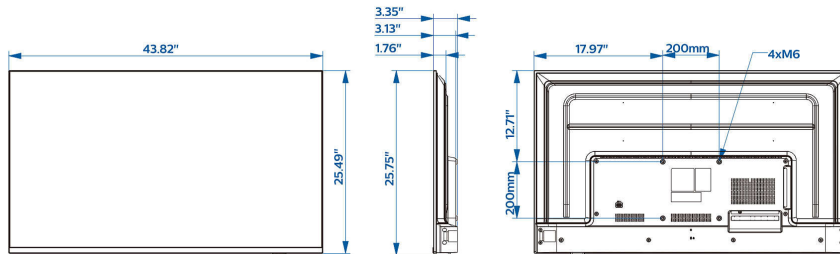
- EasyLink (HDMI CEC): One touch play, System Standby, RC pass through, system audio control
- HDMI: ARC (all ports), Auto Input Selection

Design

- Colour: Black

Dimensions

- Wall mount compatible: 200 x 200 mm, M6
- Set Width (inch): 43.82 inch
- Set Height (inch): 25.49 inch
- Set Depth (inch): 3.35 inch
- Product weight (lb): 23.0 lb



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Version: 2.0.1

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* Availability of features will depend on implementation chosen by integrator.
* Philips does not guarantee the availability or continuity of correct functioning of apps.
* Actual free memory may be less due to device pre-configuration
* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.
* Android, Google Play and Chromecast are trademarks of Google LLC
* Google Cast requires access to Google servers.
* Availability of Google Assistant is depending on Country and Language settings. To use Google Assistant, an optional remote control with voice function must be used.
* Typical on-mode power consumption measured according to IEC62087 Ed 2. The actual energy consumption will depend on how the television is used.