

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
- Create, control and schedule with Philips Publisher
- 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
- UHD resolution for attention grabbing content
- Chromecast built-in for wireless content sharing

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.

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.

Specifications

Picture/Display

Diagonal screen size (inch): 50 inch

Display: 4K Ultra HD LED

Panel resolution: 3840x2160p

Contrast ratio (typical): 5000:1

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: Pro:Idiom, 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

