

The complete solution for Google TV and Android TV

Developed in collaboration with Google to specifically support their Google TV[™] platform, the G10 and G20 range of remote controls offers a solution for operators and manufacturers to quickly develop a remote control that not only offers full 'out of the box' functionality with Google TV but is also compatible with earlier Android TV[™] devices.

As the only reference design RCU's for Google TV, The G10 and G20 devices are available in 22 or 38 key configurations in two base colour options and utilise the powerful Telink 8271 chipset and Bluetooth Low Energy solution to provide fast and reliable operation controlling all essential user functions including Google Assistant.

Do more on your TV with your voice. Talk to Google to control your TV, search for entertainment, get answers, control smart home devices, and more all with your voice. Just press the Google Assistant button on your remote to get started.

Firmware updates are available and over the air (OTA) using the Android DFU Service.

Multiple infrared devices can be controlled at once using the optional Google licensed Infrared Service (Axel), including TV & Audio, Power Input Source, Volume and Mute.

Both devices feature optional key layouts, configurable within the Android TV system to allow some flexibility within the reference design.

The on-board firmware allows keys to both wake the device and power on the TV, launching straight to your applications.

RF certifications have been achieved in many countries already with further approvals in progress.

Being fully Google TV compliant, and with no further verification or approvals being required prior to manufacture, production lead times can be as low as 4 weeks from final approval.



The G10 solution

The smaller G10 is the perfect solution for those looking for a compact yet fully featured device.

Made of a rigid ABS with a fine texture the G10 is comfortable in the hand, with all controls easily accessed. The buttons themselves are a resilient silicone rubber material and a metal dome sheet over every key to give a satisfying 'click' feeling when depressed. Powered by two standard AAA batteries.

MAIN SPECIFICATIONS			
Firmware	Google TV device		
Firmware updates	OTA from Google		
Android key layout	Google TV OS		
Chipset	Telink 8271		
Bluetooth	5.0 BLE		
Infrared	Default NEC		
Voice control	Google Assistant		
Cosmetic finish	Rock Candy or Dark Anthracite		
Power	2 x AAA batteries		
Dimensions	140mm (H) x 38mm (W) x 17mm (D)		
Weight	46gms (without batteries)		
Key Qty	22 keys		
Additional Features	TV control is available on request		







The G20 device offers additional functionality with a numeric keypad and colour keys, which, along with some other keys, can be swapped to suit alternative UI requirements (further details upon request). The software is already configurable.

Constructed with the same materials as the G10, this sleek design is both comfortable to hold and smooth to operate.

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Bluetooth	5.0 BLE		
Infrared	Default NEC		
Voice control	Google Assistant		
Cosmetic finish	Rock Candy or Dark Anthracite		
Power	2 x AAA batteries		
Dimensions	183mm (H) x 38mm (W) x 17mm (D)		
Weight	60gms (without batteries)		
Key Qty	38 keys		
Additional Features	TV control is available on request		







Configurable to suit your requirements

With adaptable software configuration and manufacturing flexibility, print and code changes are both simple and permissible under the Google TV guidelines. This allows alternative functions to be added without increasing cost or manufacturing scheduling.

The Google 'Experience Cluster' on both the G10 and G20 can have either the User Profile key, Watchlist / Bookmark key or the 'All Apps' key displayed depending on the OS system being deployed.

All of the four operator keys can be printed with your choice of operator logo's.

Watson	Google TV		Operator Tier
■ Watchlist / Bookmark iii or All Apps View*	■ User Profile	***	All Apps View



^{*} All Apps View is an accepted alternative to the 'Watchlist / Bookmark' icon for Watson devices.

Optional key mapping for the G20

Due to its taller profile and keypad features, there is scope for alternative key mapping on the G20 transport keys.

They can be either the traditional coloured 'dots' or can be replaced by video control functions.

The Teletext / Subtitles button is also interchangeable.





Sample devices, technical support and any additional information required is available by contacting us:





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