



TIVO[®]





A unified user experience

TiVo added value

Since its inception, when TiVo began to redefine how people watch TV, TiVo has been known for its revolutionary user experience, and the remote control has been a central part of this UX. With unique features like the thumbs-up and thumbs-down buttons, and always with its instantly recognizable peanut-shaped remotes.

With its unique UX, TiVo has become a cornerstone of many operators' TV offerings, as they've built their set-top boxes' user interface around TiVo's convenient interaction model.



Why a TiVo remote from UEI?

Designed in conjunction with TiVo, the remotes are fully certified to meet TiVo's functional requirements.

All TiVo Remote Controls from UEI are designed for the iconic TiVo user experience. They closely follow the strict design guidelines that are integral to the famous TiVo UX. This includes remote shape, size, key layout, and key functions including:

- TiVo button
- Thumbs Up, Thumbs Down keys
- Peanut-shaped design with gripped waistline
- Setup Methods



Detect, control and interact with virtually every device within the home using the largest knowledge graph of devices.

TIVO CONTROL SOLUTIONS

QUICKSET CLOUD IS THE INDUSTRY STANDARD FOR HOME CONTROL

Seamless control

- Launched in 2008, QuickSet has been deployed in over 550M devices with over 100B transactions
- Device and system knowledge base for discovery, control protocols, functions and system behavior
- Control data for over 2.4 million unique fingerprints across nearly 1 million devices from 12,500 consumer brands, offering true interoperability between home entertainment and smart home devices and ecosystems
- QuickSet Cloud architecture is built with control engines and discovery, automation and management frameworks with capability for IP, RF4CE, Zigbee, Bluetooth and Infrared

Top three remote control pain points

Setup confusion

- How to program?

Input confusion

- What input is my device on?

Don't understand the remote

- So many keys, what do they do?



Remote controls can be confusing

Traditional programming

Programming methods

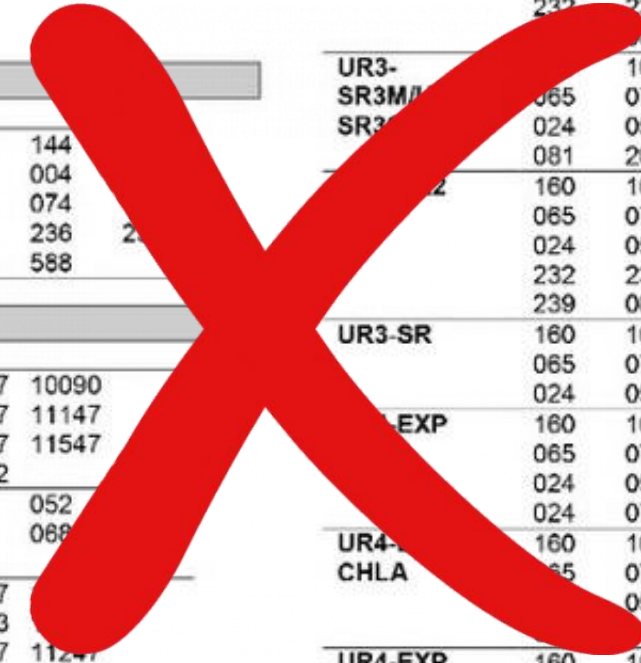
- 4, 5 or 6 digit code lists: trial and error

Success rate

- Time consuming to achieve 100% match if even

Upgrade / reprogramming

- 15% increase in service calls for reprogramming



Cox	065	056	004	023	
DIRECTV	024	056	074	152	
DISH NETWORK	081				
TIME WARNER CABLE	UR2-DTA	160	161	144	156
U-VERSE		065	070	004	023
VERIZON		024	056	074	152
		232	233	236	238
			081	588	
Cable Vision	UR3-SR3M/		161	144	156
Silver		065	070	004	023
Optimum	SR3	024	056	074	152
		081	209		
		160	161	144	156
		065	070	004	023
		024	056	074	152
		232	233	236	238
		239	081		
Charter	UR3-SR	160	161	144	156
MOTOROLA		065	070	004	023
OCAP-4		024	056		
		160	161	144	156
		065	070	004	023
		024	056	006	023
		024	074	152	
MOXI MC3	UR4-CHLA	160	161	144	156
		065	070	004	023
		070	416	056	006
CHARTER		074	152		
1060BC2/106	UR4-EXP	160	161	144	156
0BC3	CHD1	065	070	004	023
		024	056	006	023
		024	074	152	081
UE ATLAS 5	UR4-EXP	160	161	144	156
DVR/PVR	CHD2	065	070	004	023
		1217	1007	0018	1022

Code entry is complicated

GUI-based programming

Brand-based setup

- User needs to select a brand on set-top-box GUI and then try if they work one by one.

Model-based setup

- User needs to select a brand and model number on set-top-box GUI and then try if they work.

Automated setup (Unique to UEI)

- QuickSet automatically discovers and pairs the box with the television; no intervention required.
- QuickSet Cloud keeps adding new control protocols and codes and keep you up to date.



No more setup confusion as devices automatically work

15% of TV users struggle with switching inputs

Streaming leads to more input switching

- Many people watch streaming services on other device than their pay TV set-top box
- Smart TV is most used platform for streaming video and growing

Gaming forces input switching

- Game consoles are using other HDMI port; even in sleep mode, game consoles keep active input

Switching input creates confusion

- Several major TV brands will not automatically select the latest active input of the set-top box; needs to be manually selected each time



Streaming and gaming
creates input confusion

One Touch View

- Single button to instantly get user to watching content
- Powers up required devices automatically
- Switches inputs on TV and AVR

Dynamic Key Mapping

- Remote keys map automatically to devices based on activity
 - Volume goes to AV receiver
 - Channel goes to STB
 - Play/Pause goes to STB/DVR
 - Input goes to TV
 - Power goes to ALL

Adaptive Control

- Shows only the keys you need
 - Digit keys in Live TV mode
 - Fast forward in Recorded Content mode



No more input confusion with
One-Touch View

TIVO REMOTE CONTROL

TiVo S6ZBL Voice Backlit

The TiVo S6ZBL Voice Remote features a dedicated Netflix button for easy access to Netflix content.

With integrated ZigBee™ RF4CE, the TiVo S6 Voice Backlit remote can control hidden RF-enabled set-top boxes including:

- Pace MG1 Gateway
- Pace Mi3 Client

Use verbal commands to search for content or to tune to any network using Universal's proven reliable voice remote control architecture.



QUICKSET



Backlight



Push to Talk
Voice

rf4ce

RF4CE
Control



IR
Control

TIVO REMOTE CONTROL

TiVo S6A Voice Backlit

The TiVo S6A Voice Remote is designed for the iconic TiVo user experience with the addition of voice search capabilities. It features a dedicated Netflix button for easy access to Netflix video content.

Using integrated Bluetooth LE®, the TiVo S6A Voice remote can control hidden BLE-enabled set-top boxes including:

- Commscope VIP6102W
- Evolution eStream 4K



Backlight



Push to Talk
Voice



BLE
Control



IR
Control

TIVO REMOTE CONTROL

TiVo Stream 4K

The TiVo Stream 4K Remote is made for AndroidTV-based set-top boxes and dongles with TiVo functionality like the TiVo Stream 4K.

The compact remote control is designed utilizing the iconic TiVo user experience with the addition of various features such as voice search capabilities, dedicated Netflix button and more. The TiVo experience comes to Android TV with integrated voice over BLE, finding your desired content or favorite channel has never been easier.

The TiVo Stream 4K Remote comes with QuickSet integrated.



App Keys



Push to Talk
Voice



BLE
Control



IR
Control