BILL'S HOME TECH
Home & Small Business Tech Solutions

BILL'S COMPLETE MANUALS

TCL TVs

Google TV, Roku TV and Fire TV editions: setup, remotes, apps, picture and privacy — explained in plain English, one step at a time

A plain-English guide for seniors and families

Take your time — you can't break it

Written for you by Bill — Bill's Home Tech

(330) 200-8042 · BillsHomeTech.com

For TCL Google TV, Roku TV & Fire TV models · facts current November 2026

What's Inside

This is your TCL TV manual. Read it in any order and at your own pace — there is no test, and you can't fall behind. TCL sells the same kind of television with three different "brains" inside: Google TV, Roku TV and Fire TV. Chapter 2 helps you tell which one you have, and from then on each chapter shows the steps for your edition, along with what each feature actually does *for you*. It's written as of November 2026. TCL, Google, Roku and Amazon update the software often, so if a screen looks a little different on yours, the idea is still the same.

Part 1 — Getting to Know Your TCL TV

1 A Note from Bill
2 Which TCL TV Do You Have?
3 Finding Your Model Number
4 Unboxing, Placing and Plugging In

Part 2 — Setting Up

5 Setting Up a TCL Google TV
6 Setting Up a TCL Roku TV
7 Setting Up a TCL Fire TV

Part 3 — Remotes and Voice

8 Your Remote at a Glance
9 Talking to Your TV
10 When the Remote Stops Working

Part 4 — Home Screens and Apps

11 The Google TV Home Screen
12 The Roku Home Screen
13 The Fire TV Home Screen
14 Adding and Removing Apps
15 Signing In to Streaming Apps (and Paying for Them)

Part 5 — Live TV and Connections

16 Switching Inputs: Cable Box, DVD Player, Game Console
17 Free Local Channels with an Antenna
18 Soundbars and Headphones

Part 6 — Picture, Sound and Easier Viewing

19 Picture Modes in Plain English
20 Hearing Dialogue Clearly

21 Turning On Captions
22 Accessibility: Screen Readers, Bigger Text and More

Part 7 — Privacy, Updates and Staying Safe

23 What Your TCL TV Knows About You
24 Keeping Your TV Updated
25 Scams Aimed at TCL TV Owners

Part 8 — Fixing Common Problems

26 "No Signal" and the Wrong Picture
27 Freezing, Buffering and Wi-Fi Drops
28 Restart, Reset and Recovery

Part 9 — When to Call Bill & Your Cheat-Sheet

29 When to Call Bill
30 Your TCL TV Cheat-Sheet

PART 1

Getting to Know Your TCL TV

Which of the three kinds of TCL TV you have, where to find its model number, and how to unbox it and plug it in safely. Start here.

CHAPTER 1

A Note from Bill

Hello, and welcome. Maybe a new TCL television just arrived as a gift. Maybe you picked one up because the price was right and now the remote looks like it came from another planet. Or maybe the family set one up for you and you'd like to know what all the buttons do. Whoever you are, this guide is for **you**.

I'm Bill. Helping people feel at home with their technology is what I do every day, and I've written this guide the way I'd explain it sitting next to you on the couch: plainly, patiently, and without the jargon. When a word like "HDMI" or "input" comes up, I'll stop and tell you what it means.

One brand, three different TVs

Here's the one thing that makes TCL different from most TV brands. TCL builds the television, but the menus, the home screen and the apps come from one of three other companies: **Google** (Google TV), **Roku** (Roku TV) or **Amazon** (Fire TV). Two TCL sets side by side can look and work completely differently. Chapter 2 helps you work out which one you have in about a minute, and after that every chapter gives you the steps for your edition.

You can't break it by exploring

Pressing the wrong button won't hurt your TV. If you ever feel lost, press the **Home** button on the remote (it has a little house on it) and you're back where you started. The only setting that truly erases things is a **factory reset**, and I'll warn you clearly before we ever go near it.

WHAT THIS DOES FOR YOU

What this guide does for you

It turns a box of confusing menus into a TV that does what you want: the shows you like, a picture that looks right, dialogue you can hear, captions when you need them, and fewer ads and less tracking. A little setup time now saves a lot of frustration later.

What's in this guide

- **Getting started**: which TCL you have, setting it up and the remote (Parts 1 to 3).
- **Everyday watching**: the home screen, apps, the cable box and free antenna channels (Parts 4 and 5).

- **Comfort**: picture, sound, captions and accessibility (Part 6).
- **Privacy and safety**: what the TV collects, updates and the scams aimed at TV owners (Part 7).
- **Fixes**: no picture, buffering, freezing and resets (Part 8).

> **GOOD TO KNOW**
>
> **Want to go deeper on Roku, Google TV or Fire TV?**
>
> Bill's Home Tech also has complete manuals for **Roku**, **Google TV & Chromecast** and **Amazon Fire TV**. This guide focuses on what's special about TCL televisions; those guides go further into each platform's apps and features.

And I'm only a phone call away

If you get stuck, you're never stuck alone. Call me at **(330) 200-8042**. No question is too small and no one will make you feel silly for asking. Now let's meet your TV.

— Bill

CHAPTER 2

Which TCL TV Do You Have?

TCL is a large television maker that sells TVs at many price points, from small bedroom sets to very large Mini-LED models. In the United States, nearly every TCL TV comes in one of three editions. The edition decides what the menus look like, which remote you get and how you sign in.

The three editions

Edition	Who makes the software	What you'll notice
TCL Google TV	Google	A home screen full of movie and show suggestions in rows, a Google account for setup, and a remote with a Google Assistant or microphone button.
TCL Roku TV	Roku	A simple grid of square app tiles, a free Roku account, and a small remote with the Roku name on it.
TCL Fire TV	Amazon	A home screen with a large banner across the top, an Amazon account for setup, and a remote with an Alexa button.

The quickest ways to tell

1. **Look at the box or the receipt.** It will say "Google TV", "Roku TV" or "Fire TV" in the product name.
2. **Look at the remote.** A Google TV remote usually has a Google Assistant or microphone button and a YouTube button. A Roku remote says **Roku** near the bottom. A Fire TV remote has a blue **Alexa** button.
3. **Turn the TV on and press Home.** If you see the word Roku, a grid of square tiles or a "For you" row from Google, or an Amazon banner, you have your answer.

TIP

Write it down

Once you know your edition, write it on the cheat-sheet in Chapter 30. When you call anyone for help, TCL, Roku, Google, Amazon or me, the first question will be "Which kind of TCL is it?"

Model names you may see in 2026

TCL's 2026 Google TV lineup includes the **QM7L** and **QM8L** Mini-LED series and the high-end **X11L**. TCL also continues to sell Roku TV and Fire TV models, often at lower prices and sometimes only through one store. Model names change every year, so don't worry if yours isn't listed; the edition matters far more than the series name.

GOOD TO KNOW

Is one edition better?

Not really. All three play Netflix, YouTube, Prime Video and the other big apps. Roku is the simplest to learn. Google TV is best at suggesting shows across many apps. Fire TV fits best in an Amazon household with Prime Video and Alexa. Use the one you have; this guide covers all three.

CHAPTER 3

Finding Your Model Number

The **model number** is the TV's exact name, something like **65QM7L**. The first two digits are usually the screen size in inches. You'll need the full model number for warranty service, for buying a wall mount or a replacement remote, and when you call for help.

On the TV itself

TCL puts a label on the back of the TV with a line that says **Model** or **Model No.** There's a separate **serial number** (S/N) on the same label. They're different numbers: support will usually ask for the model first.

On the screen

Edition	Where to look
TCL Google TV	**Settings** > **System** > **About**
TCL Roku TV	**Settings** > **System** > **About**
TCL Fire TV	**Settings** > **Device & Software** > **About**

The box and your store receipt also list the model number. If the TV is already on the wall and the label is hard to reach, the on-screen route is much easier on the back and knees.

TIP

Take a phone photo

Snap a photo of the label on the back of the TV before you mount it, and of the receipt. Put both in a photo album called "TV". Next time someone asks for the model or serial number, it's right there.

HEADS UP

Model number, not "Roku" or "Google"

When a website asks for your model, type TCL's model number (for example 55QM7L), not the word Roku or Google TV. The edition is the software; the model number is the hardware.

CHAPTER 4

Unboxing, Placing and Plugging In

Flat-screen TVs are light for their size but awkward to handle. Take your time with this chapter, and for anything over about 55 inches, have a second person help.

Getting it out of the box

1. Lay the box flat with the front of the TV facing up, as the printing on the box shows.
2. Lift the TV by its frame and edges. Never press on the screen itself; the panel can crack.
3. Find the small bag with the feet or stand, screws, the remote and its batteries.
4. Keep the box for a few weeks in case anything needs to go back.

Feet, stand or wall

Most TCL TVs come with two feet that screw into the bottom. Some sizes let you place the feet near the ends or closer to the center, which matters if your TV stand is narrow. The quick-start sheet in the box shows which holes to use. Lay the TV face down on a soft blanket on a table to attach them.

STAY SAFE

Wall mounting is a two-person job

A wall mount has to go into studs or proper anchors and match the TV's weight and screw pattern. If you're not comfortable with a stud finder and a drill, let someone experienced do it. A TV that falls can hurt someone, especially a small grandchild.

The plugs on the back

Socket	What it's for
Power	The power cord. Plug it into a wall outlet or a surge protector.
HDMI	Flat, wide sockets for a cable box, DVD or Blu-ray player, game console or streaming stick. Each has a number (HDMI 1, HDMI 2...).
HDMI eARC or ARC	One HDMI socket is marked ARC or eARC. Use this one for a soundbar (Chapter 18).
ANT / Cable In	The round, threaded socket for a TV antenna or a cable line (Chapter 17).
USB	For a USB stick of photos or for powering a small device.
Headphone / Audio out	On many models, a jack for wired headphones or an older sound system.

TIP

Note which HDMI number you used

When you plug in the cable box, write down "Cable box = HDMI 2" (or whichever). It makes Chapter 16 and most "no signal" problems take seconds instead of minutes.

WHAT THIS DOES FOR YOU

Why this matters

Getting the cables right the first time means the TV finds everything during setup, and the family can switch between cable, DVD and streaming without calling for help.

PART 2

Setting Up

Turning the TV on for the first time, edition by edition. Follow the chapter that matches your TV.

CHAPTER 5

Setting Up a TCL Google TV

The first time you switch on a TCL Google TV, it walks you through setup one screen at a time. Allow about 20 to 30 minutes, have your Wi-Fi name and password handy, and know your Google account email and password (the same one you use for Gmail or an Android phone).

What you'll be asked

1. Put the batteries in the remote and press the power button. If the screen asks you to pair the remote, follow the picture on the screen.
2. Choose your language and country.
3. Choose how to set up. You can set up using the **Google Home** app on your phone, or choose to set up on the TV with the remote. Either way works; the phone is quicker for typing passwords.
4. Connect to your Wi-Fi network and type the password.
5. Sign in with your Google account and agree to the terms.
6. Pick the streaming services you already have so Google can suggest shows from them. You can skip this.
7. Let the TV download any updates. Don't switch it off while it updates.

> GOOD TO KNOW
> **Do I need a Google account?**
> To get the full Google TV home screen and the Google Play Store for apps, yes. If you don't have one, you can create one for free during setup. If someone else in the family set the TV up with their account, the suggestions and purchases are tied to them, so it's worth setting it up with your own.

If you have an antenna or cable line

Setup may offer to scan for channels. If an antenna is plugged into the **ANT/Cable In** socket, say yes. If not, skip it; you can scan any time later (Chapter 17).

TIP

Turn off the extras you don't want

Setup asks several yes-or-no questions about sharing data and personalized ads. It's fine to say no. Chapter 23 shows how to review those choices later.

WHAT THIS DOES FOR YOU

What you get when you're done

A home screen that shows what's on across all your apps in one place, so you can find a show without remembering which app it's on.

CHAPTER 6

Setting Up a TCL Roku TV

A TCL Roku TV uses Roku's guided setup. It's straightforward, but there's one moment, linking a Roku account, where scammers try to step in. Read this chapter before you start.

The steps

1. Put the batteries in the remote and press the power button.
2. Choose your language, then your country.
3. Connect to your Wi-Fi network and type the password.
4. Let the TV check for and install software updates. It may restart.
5. Tell the TV what's plugged in. If an antenna is connected, choose **Yes, set up live TV** and pick **Antenna** to scan for channels.
6. Link a Roku account. The TV shows a short code and a web address. On your phone or computer, type **exactly** the address shown on your TV screen, sign in or create a free Roku account, and enter the code.

SCAM ALERT

Roku activation is always free

Roku says it never charges a fee to activate a TV or to create an account. Fake "Roku activation" websites pay to appear at the top of search results. They show a code that doesn't work, then tell you to call a number, where someone asks for an "activation fee" or remote access to your computer. Never search for the link; type the address your TV shows. If anyone asks for money to activate, hang up.

Do I need to give a credit card?

No payment is needed to activate. Roku may offer to store a payment method for future rentals or subscriptions; that's optional. Many apps you'll add are free, and paid ones charge only when you choose to subscribe (Chapter 15).

HEADS UP

Never give these to anyone "helping" with setup

Roku support will never ask for your Social Security number, your date of birth or your Roku account password. Anyone who does is not from Roku.

WHAT THIS DOES FOR YOU

What you get when you're done

A plain, tidy home screen of app tiles, plus your antenna channels and cable box all in one place. It's the simplest of the three TCL editions to learn.

CHAPTER 7

Setting Up a TCL Fire TV

A TCL Fire TV runs Amazon's Fire TV software. Setup is guided, and it goes most smoothly if you already have an Amazon account (the one you use to shop on Amazon). Have your Wi-Fi password and Amazon sign-in ready.

The steps

1. Put the batteries in the remote and turn the TV on. If asked, press the **Home** button to pair the remote.
2. Choose your language.
3. Connect to your Wi-Fi network and type the password.
4. Let the TV install any updates.
5. Sign in with your Amazon account. The TV may offer a code to enter on your phone instead of typing your password with the remote.
6. Choose whether to set up live TV with an antenna, and pick the apps you'd like.

GOOD TO KNOW

Do I need Prime?

No. An ordinary Amazon account is enough. Prime adds Prime Video and other benefits for a fee, but Netflix, YouTube and the other apps work on Fire TV without it.

HEADS UP

Purchases go to that Amazon account

Movie rentals and app purchases on the TV are charged to the Amazon account it's signed in to. If the grandchildren use the TV, see the parental controls on the Fire TV settings so they can't rent movies with a single click.

TIP

If someone else set it up

If the TV was bought on Amazon as a gift, it may arrive already signed in to the buyer's account. That's convenient, but every rental lands on their card. To change it, sign out under the Fire TV account settings and sign in with your own account.

WHAT THIS DOES FOR YOU

What you get when you're done

A TV that works hand in hand with Alexa and Prime Video, and that can bring free antenna channels into the same menus as your apps (Chapter 17).

PART 3

Remotes and Voice

The buttons that matter, talking to your TV instead of typing, and what to do when the remote stops working.

CHAPTER 8

Your Remote at a Glance

Each TCL edition comes with its own remote, and the button layouts are different. The good news: you only need about six buttons for nearly everything. Learn these and ignore the rest until you're curious.

The buttons every TCL remote has

Button	What it does
Power	Turns the TV on and off.
Home (a little house)	Takes you back to the home screen from anywhere. Your "I'm lost" button.
Back (a curved arrow)	Goes back one screen.
The direction pad and OK	The round ring moves the highlight up, down, left and right; the center button (OK) selects.
Volume and Mute	Usually on the side of a Roku remote, and on the face of Google TV and Fire TV remotes.
Voice / microphone	Hold it and speak to search or give a command (Chapter 9). Not every basic remote has one.

Buttons that differ by edition

Edition	Special buttons to know
Google TV	A **Settings** (gear) button on many TCL models opens picture, sound and other quick settings. An **Input** button switches between HDMI devices. App buttons such as YouTube or Netflix open those apps directly.
Roku TV	The **star** button opens options for whatever you're watching, including picture settings and captions. Shortcut buttons open specific apps.
Fire TV	The **Alexa** button is for voice. The **Menu** button (three lines) opens options for what's on screen, including subtitles. App buttons open apps such as Prime Video.

TIP

The app buttons are paid placements

The brand-name buttons along the bottom of a remote are there because those companies arranged it. If you don't subscribe to one, pressing it just opens a sign-up screen. You don't have to use them.

WHAT THIS DOES FOR YOU

What this does for you

Knowing Home, Back and the star or Settings button means you can always get unstuck on your own, without pressing buttons at random.

TIP

A bigger, simpler remote

If the remote's buttons are too small, many universal remotes with large buttons work with TCL TVs. Choose one that lists your edition (Roku TV, Google TV or Fire TV) on the package, and keep the original remote for voice and setup.

CHAPTER 9

Talking to Your TV

If your remote has a microphone or assistant button, you can skip a lot of typing. Instead of spelling out a movie title one letter at a time, you hold the button and say it.

How to use voice

1. Find the voice button: a microphone on Roku remotes, a Google Assistant or microphone button on Google TV remotes, a blue Alexa button on Fire TV remotes.
2. **Press and hold** the button.
3. Speak normally, holding the remote a few inches from your mouth: "Find Westerns" or "Open YouTube."
4. Let go when you've finished speaking. Results appear on the screen.

Things worth trying

- "Open Netflix." (or any app you have)
- "Search for *It's a Wonderful Life*."
- "Turn on captions."
- "Volume up" or "Mute."
- "Switch to HDMI 2" (works on many models).

The newest TCL Google TVs and Gemini

TCL's 2026 Google TV models such as the QM7L and QM8L come with Google's newer AI helper, **Gemini**, for voice. You can ask more relaxed, conversational questions, such as asking for a funny movie the whole family can watch. It works the same way: hold the button and talk.

GOOD TO KNOW

Is the TV always listening?

On the remote, the microphone listens only while you hold the button. Some TCL models also have a microphone built into the TV for hands-free use; these usually have an on/off switch on the TV frame. If you'd rather not use hands-free voice, switch it off.

WHAT THIS DOES FOR YOU

Why this helps

Typing on a TV with an on-screen keyboard is slow and frustrating, especially with stiff fingers. Voice search turns a two-minute chore into five seconds.

CHAPTER 10

When the Remote Stops Working

A dead remote is the most common TV complaint, and it's almost always something simple. Work through these steps in order.

The quick checks

1. **Fresh batteries.** Replace both, not just one, with new batteries of the type shown inside the cover. Check that the + and - ends match the picture.
2. **Point and wait.** Point straight at the TV from a few feet away. Some remotes need a clear line to the TV; a soundbar or a vase in front of the screen can block it.
3. **Restart the TV.** Unplug the TV from the wall for a full minute, then plug it back in.
4. **Re-pair a voice remote.** Voice remotes connect by a wireless link and sometimes need re-pairing. Follow the pairing steps in the TV's settings under remotes or accessories, or the instructions in your remote's battery compartment.

Control it from your phone in the meantime

Each platform has a free phone app that works as a remote over Wi-Fi: the **Roku** app for Roku TVs, the **Google TV** or **Google Home** app for Google TV, and the **Amazon Fire TV** app for Fire TV. Your phone has to be on the same Wi-Fi as the TV. It's a handy backup, and typing passwords on a phone keyboard is much easier.

Buttons on the TV itself

Most TCL TVs have a single small button on the underside of the frame, usually near the middle or a corner. Pressing it turns the TV on, and on many models it can also change inputs. It's worth finding yours now, before you need it.

WHAT THIS DOES FOR YOU

What this does for you

Most remote problems are fixed in five minutes with batteries and a restart. Knowing the phone app and the TV's own button means you're never locked out of your evening shows.

PART 4

Home Screens and Apps

A tour of each edition's home screen, then adding, removing and signing in to apps like Netflix and YouTube.

CHAPTER 11

The Google TV Home Screen

Google TV's home screen is built around **shows and movies** rather than apps. It looks at the streaming services you have and suggests things to watch from all of them in rows.

What's on it

Part	What it does
Tabs along the top	Such as **For you** (suggestions), **Live** (on some setups), **Apps** and **Library** (things you bought or saved). The exact tabs vary.
Your apps row	A row of your apps. You can move your favorites to the front.
Continue watching	Picks up shows you started.
Profile picture	Top right. Switch profiles, see your Google account and open settings.
Settings (gear)	Top right, or the gear button on many TCL remotes.

Move a favorite app to the front

1. Press **Home** and go down to your apps row.
2. Highlight the app and press and hold **OK**.
3. Choose **Move**, use the arrows to slide it, then press **OK**.

TIP

Too many suggestions?

If the rows of suggestions feel like clutter, it helps to tell Google TV which services you actually have. Under your profile picture, look for the services setting and switch off any you don't subscribe to. Fewer things will appear that you can't watch.

HEADS UP

Some tiles are ads

The large banner at the top and some rows are sponsored. Selecting one usually opens a sign-up screen for a paid service. You never have to subscribe to watch the apps you already have.

WHAT THIS DOES FOR YOU

Why this helps

You can find a show without remembering whether it's on Netflix or Hulu. Search once and Google TV tells you where to watch it.

CHAPTER 12

The Roku Home Screen

The Roku home screen is famously simple: a menu on the left and a grid of square tiles on the right. Each tile is an app or something plugged into the TV, like your cable box or antenna.

What's on it

Part	What it does
Menu on the left	Home, Search, Settings and a few other shortcuts.
App tiles	Each streaming app you've added. Highlight one and press OK to open it.
Input tiles	Tiles such as **Live TV** (antenna) or **HDMI 1**. Selecting one switches to that device.
Ads on the right side	Roku shows promotions on the home screen. Ignore them if you're not interested.

Rename an input tile

A tile that says "HDMI 2" is easy to mix up. Roku TVs let you rename it to something like "Cable Box" or "DVD Player" with a picture to match.

1. Press **Home** and highlight the input tile, for example **HDMI 2**.
2. Press the **star** button.
3. Choose **Rename input** and pick a name from the list.

Move or tidy tiles

1. Highlight the tile you want to move.
2. Press the **star** button and choose **Move** (or **Move app**).
3. Use the arrows to place it, then press **OK**.

WHAT THIS DOES FOR YOU

Why this helps

When the tiles you use most sit in the top row with plain names, anyone in the family, including a visiting grandparent, can pick up the remote and find what they want.

CHAPTER 13

The Fire TV Home Screen

A TCL Fire TV home screen mixes Amazon's own shows, suggestions and your apps. It's busier than Roku's, but the layout is consistent once you know where to look.

What's on it

Part	What it does
Large banner at the top	Featured shows and promotions. Many are ads for Amazon or partner services.
Menu bar	Shortcuts such as Home, Search, Live and your profile.
Your apps row	Your most-used apps. The last icon (three small squares) opens **all** your apps.
Live tab	Antenna channels and live channels from apps appear together here (Chapter 17).
Settings (gear)	At the right end of the menu bar.

Put your favorite apps in the main row

1. Open the full list of apps (the three-square icon at the end of your apps row).
2. Highlight an app and press the **Menu** button (three lines).
3. Choose **Move** or **Move to front**, then press **OK**.

HEADS UP

Video ads that play by themselves

The banner may start playing a preview with sound. It's an ad, not something you turned on. Press **Down** to move away from it.

WHAT THIS DOES FOR YOU

Why this helps

With your own apps at the front of the row, you skip past the promotions straight to what you watch.

CHAPTER 14

Adding and Removing Apps

Your TCL TV comes with a few apps already installed. You can add others, such as a local news station, a church broadcast or a free movie service, and remove the ones you never use.

Adding an app

Edition	How to add an app
Google TV	Go to the **Apps** tab, or use **Search** and type the app's name. Select it and choose **Install**.
Roku TV	From Home, choose **Search** (or the store in the left menu), find the app and choose **Add app**.
Fire TV	Choose **Search** (or the Find menu), type the app's name, select it and choose **Get** or **Download**.

Removing an app

Edition	How to remove an app
Google TV	Highlight the app, press and hold **OK**, choose **View details** and then **Uninstall**.
Roku TV	Highlight the tile, press the **star** button and choose **Remove app**.
Fire TV	In the full list of apps, highlight it, press **Menu** and choose **Uninstall**.

HEADS UP

Removing an app doesn't cancel a subscription

If you pay for Netflix, Hulu or another service, deleting the app from the TV does **not** stop the bill. Cancel on the service's website, or wherever you signed up (Chapter 15).

SCAM ALERT

Stick to the official app store

Only add apps from the TV's own store. Be wary of apps that promise every movie and live sports channel free; some are unlicensed and can carry malware. If a stranger offers to "load" a TV with free channels for a fee, say no.

WHAT THIS DOES FOR YOU

Why this helps

A short row of the apps you actually use is far easier to live with than a screen full of icons.

CHAPTER 15

Signing In to Streaming Apps (and Paying for Them)

Most streaming apps need you to sign in the first time. The TV only needs to be told once; after that it remembers.

The easy way: a code on your phone

1. Open the app on the TV and choose **Sign in**.
2. Many apps show a short code and a web address. On your phone or computer, type exactly the address shown on the TV.
3. Sign in on your phone and type the code. The TV signs in by itself a few seconds later.

TIP

Type the address, don't search for it

Just as with Roku activation, scammers create look-alike "activate" pages that show up in search results. Type the exact address from the TV screen into the address bar.

Free, paid and ad-supported

- **Free with ads**: apps like The Roku Channel, Pluto TV, Tubi and YouTube cost nothing; ads pay for them.
- **Monthly subscriptions**: Netflix, Disney+, Max and others. Prices change often, so check the current price on the service's website before you sign up.
- **Live TV services**: YouTube TV, Sling and similar services replace cable and cost considerably more each month.

HEADS UP

Where did you subscribe?

If you subscribed through Roku, Amazon or Google rather than the service's own website, you cancel through that company's account page. Check your card statement: the name on the charge tells you where to cancel.

WHAT THIS DOES FOR YOU

Why this helps

Knowing which apps are free and where each subscription is billed lets you trim services you don't use and avoid paying twice for the same thing.

PART 5

Live TV and Connections

Your cable box and DVD player, free local channels with an antenna, and adding a soundbar or headphones.

CHAPTER 16

Switching Inputs: Cable Box, DVD Player, Game Console

An **input** is simply the socket the picture is coming from. When you watch the cable box on HDMI 2, the TV is "on input HDMI 2." Switching inputs is how you move between the cable box, a DVD player and the TV's own apps.

How to switch

Edition	How to switch inputs
Google TV	Press the **Input** button on the remote if it has one, or go to the home screen and look for the inputs option (often under the settings or a source icon). Choose the HDMI number.
Roku TV	Press **Home** and select the input tile, such as **HDMI 2** or the name you gave it in Chapter 12.
Fire TV	Press **Home** and look for the inputs row or the Inputs option in Settings, then choose the HDMI number. You can also say "Alexa, switch to HDMI 2."

Make the TV turn on to the cable box

If you mostly watch cable, it's annoying when the TV starts on the home screen. Each edition has a power-on setting, usually in the power or system section of Settings, that lets you choose to start on the last input you used. Set it once and the TV wakes up exactly where you left off.

TIP

One remote for everything: HDMI-CEC

Many cable boxes, soundbars and players can be controlled by the TV remote through a feature called **HDMI-CEC**. Roku calls its version part of its system control settings; Google TV and Fire TV list it under HDMI or device control settings. When it's on, turning on the TV can wake the soundbar too.

HEADS UP

"No signal" usually means the wrong input

If the screen says No Signal, the TV is probably looking at an empty socket. Switch to the input the cable box is plugged into. Chapter 26 has the full checklist.

WHAT THIS DOES FOR YOU

Why this helps

Once the inputs are named and you know the switching step, the whole household can move between cable, DVDs and apps without calling anyone.

CHAPTER 17

Free Local Channels with an Antenna

Every TCL TV has a built-in tuner. Plug in an **antenna** (a flat indoor antenna or a rooftop one) and you can watch local stations, such as the network news, PBS and local sports, free and without a cable bill. You just need to **scan** for channels once.

Connect the antenna

Screw the antenna's round cable onto the **ANT/Cable In** socket on the back of the TV. If the antenna has a power plug or USB cable for an amplifier, plug that in too. Place the antenna high up and near a window if you can.

TCL Roku TV

1. If there's no **Live TV** tile on the home screen, go to **Settings** > **TV inputs** > **Live TV** > **Set up input**.
2. Go to **Settings** > **TV inputs** > **Live TV** > **Scan for channels**.
3. Wait while the TV scans. It can take several minutes.
4. Open the **Live TV** tile to watch. Some Roku menus call it Antenna TV.

TCL Google TV

1. Open **Settings** (the gear) and choose **Channels & Inputs** > **Channels** > **Channel scan**.
2. Set the tuner mode to **Antenna** and choose an automatic scan.
3. Don't turn off the TV or unplug the antenna during the scan. Select **Finish** when it reaches 100%.

TCL Fire TV

1. Go to **Settings** > **Live TV** > **Channel Scan**.
2. If you're offered advanced options, choose **Digital Only** for a modern antenna.
3. When it finishes, your channels appear in the guide and on the **Live** tab of the home screen.

TIP

Moved the antenna? Scan again

Every time you move the antenna, run the scan again. A few feet higher or closer to a window can bring in channels that were missing.

GOOD TO KNOW

Cable box? No scan needed

If your channels come from a cable or satellite box plugged into HDMI, you don't need a channel scan. Just switch to that HDMI input (Chapter 16).

WHAT THIS DOES FOR YOU

Why this helps

An antenna can bring in your local news and network shows at no monthly cost, which can make cutting back on cable a real option.

CHAPTER 18

Soundbars and Headphones

Thin TVs have small speakers. A soundbar or a pair of headphones can make a bigger difference to understanding dialogue than any setting.

Connecting a soundbar

1. Plug an HDMI cable into the soundbar's HDMI socket marked ARC or eARC.
2. Plug the other end into the TV's HDMI socket marked **ARC** or **eARC**.
3. Turn on HDMI-CEC on the TV (Chapter 16) so the TV remote controls the soundbar's volume.
4. In the TV's sound settings, choose the external speaker or soundbar as the audio output if it doesn't switch by itself.

Headphones

- **Wired headphones**: plug into the headphone jack on the TV if your model has one.
- **Bluetooth headphones**: Google TV and Fire TV editions can pair Bluetooth headphones in their remotes-and-accessories settings.
- **Private listening on Roku**: the Roku mobile app can play the TV's sound through earbuds plugged into your phone.
- **TV listening systems**: wireless headphone sets made for TV, with a base that plugs into the TV, are simple and work on any edition.

HEADS UP

Hearing aids

Some hearing aids can stream TV sound with a TV adapter made by the hearing-aid maker. Ask your audiologist which adapter suits your aids; it usually works better than pairing the aids directly to the TV.

WHAT THIS DOES FOR YOU

Why this helps

Clearer sound means less turning the volume up, fewer "What did he say?" moments, and a happier household when one person needs it louder than the others.

PART 6

Picture, Sound and Easier Viewing

Getting a natural picture, hearing voices clearly, captions on every edition, and accessibility features for eyes and ears.

CHAPTER 19

Picture Modes in Plain English

A **picture mode** is a ready-made bundle of brightness, color and sharpness settings. Choosing the right one is the single biggest improvement you can make, and it takes a minute.

Which mode to choose

Mode	When to use it
Movie, Filmmaker or Dark	The most natural, accurate picture. A good choice for evenings and most viewing.
Standard or Normal	A little brighter. Good for a sunny room.
Vivid or Bright	Very bright and colorful. Fine in a store; often harsh at home.
Sports	Brighter, with extra smoothing for fast action.
Low Power or Energy saving	Dimmer, to save electricity.

TCL Google TV

Press the **Settings** (gear) button, or open Settings from the home screen, and choose **Picture**. Under **Picture Mode**, TCL's options include Standard, Sports and **FILMMAKER MODE**, which shows movies the way they were made and turns off motion smoothing. The exact list varies by model and by what you're watching.

TCL Roku TV

1. Start playing something. Roku shows picture settings only while something is on the screen.
2. Press the **star** button and choose **Picture settings**.
3. Choose a **Picture mode**. Roku recommends **Roku Smart Picture**, which picks a mode to suit what you're watching.

A Roku TV remembers a separate picture mode for each input, so the cable box and the apps can each have their own. If you fiddle and want to start over, choose **Customize picture** and then **Reset settings**.

TCL Fire TV

Open **Settings** and look for the **Display & Audio** or **Picture** settings, then choose a picture mode. Movie is a good starting point.

TIP

The "soap opera effect"

If movies look oddly smooth, like a home video, the TV's motion smoothing is on. Movie or Filmmaker mode usually turns it off. On Google TV and Roku, it's also listed in the advanced picture settings.

WHAT THIS DOES FOR YOU

Why this helps

TVs leave the factory set to look bright in a showroom. A better mode gives you natural faces, comfortable brightness and less eye strain in your living room.

CHAPTER 20

Hearing Dialogue Clearly

Background music and sound effects can drown out voices, especially with today's movies. Before you buy anything, try these settings.

Where the sound settings are

Edition	Where to look
Google TV	**Settings** (gear) > **Sound** (or **Display & Sound**). Look at the sound mode and any dialogue or voice option.
Roku TV	While watching, press the **star** button and choose **Sound settings**. Look at the sound mode and any speech or volume-leveling option.
Fire TV	**Settings** > **Display & Audio** (or **Audio**). Look for a dialogue or sound mode option.

Settings worth trying

- **A dialogue or speech mode**, if your TV has one, lifts voices above the music.
- **Volume leveling** (sometimes called auto volume or night mode) evens out loud commercials and explosions.
- **Turn off surround or virtual surround** if voices sound hollow or far away.
- **Check the app's audio track**. In Netflix and other apps, a track labeled with "Audio Description" adds a narrator; switch back to the plain language track if you hear one by mistake.

HEADS UP

A narrator describing the scene?

That's Audio Description, an accessibility feature for people who are blind or have low vision. If it turned on by accident, change the audio track in the app's options, and check the accessibility settings (Chapter 22).

WHAT THIS DOES FOR YOU

Why this helps

Hearing every word means enjoying the show instead of rewinding, and keeps the volume at a level the neighbors appreciate.

CHAPTER 21

Turning On Captions

Captions (also called closed captions or subtitles) show the dialogue as words on the screen. Every TCL edition has a setting to turn them on for the whole TV.

TCL Roku TV

1. Press **Home** and go to **Settings** > **Accessibility** (on some models, **Captions**).
2. Choose **Captions mode**.
3. Pick **On always**, or **On replay** to see captions only after you jump back a few seconds.

While something is playing, you can also press the **star** button and change captions from there.

TCL Google TV

1. From the home screen, open **Settings** > **Accessibility** > **Captions**.
2. Turn on **Display**.
3. Choose your caption language and style, such as text size.

TCL Fire TV

While a show is playing, press the **Menu** button (three lines), choose **Subtitles** and pick a language. There are also caption options under **Settings** > **Accessibility**.

HEADS UP

Captions on in one app but not another?

Some apps, such as Netflix and Disney+, have their own captions switch that ignores the TV's setting. If captions don't appear, turn them on inside the app's playback options as well.

WHAT THIS DOES FOR YOU

Why this helps

Captions mean you catch every word, even with the volume low or a noisy room, and they're a lifesaver for anyone with hearing loss.

CHAPTER 22

Accessibility: Screen Readers, Bigger Text and More

Each TCL edition includes free accessibility features in **Settings** > **Accessibility**. They're worth a look even if your eyes and ears are fine; some, like bigger text, simply make the TV more comfortable.

What each edition offers

Edition	Highlights
Google TV	**TalkBack** reads the menus aloud. **High contrast text** makes menu text easier to read. Captions styles let you enlarge caption text.
Roku TV	**Audio Guide** reads the menus aloud. Captions style options let you choose size and color. Some apps offer audio description.
Fire TV	**VoiceView** reads the menus aloud. **Screen Magnifier** zooms in. **Text Banner** and high-contrast options help with low vision. **Alexa Captions** shows Alexa's spoken replies as text.

Turning one on

1. Press **Home** and open **Settings**.
2. Choose **Accessibility**.
3. Select the feature and switch it on. Each one explains itself on screen.

TIP

Turned on a screen reader by accident?

If the TV suddenly starts talking about every button you press, a screen reader is on. Go back into **Settings** > **Accessibility** and switch it off. With a screen reader on, you may need to press OK twice to select things.

WHAT THIS DOES FOR YOU

Why this helps

Small menu text and quiet voices shouldn't stop anyone from enjoying their own TV. These features are built in and free.

PART 7

Privacy, Updates and Staying Safe

What your TV collects and how to turn it down, keeping the software current, and the scams aimed at TV owners.

CHAPTER 23

What Your TCL TV Knows About You

Smart TVs are partly paid for by advertising. To show ads and suggestions, the companies behind them collect information about what you watch. Some TVs use **automatic content recognition** (ACR), which recognizes what's on the screen, even from a cable box or antenna, and reports it. You can turn much of this down. Nothing breaks when you do; you'll just see less-targeted suggestions and ads.

TCL Roku TV

1. Press **Home** and go to **Settings** > **Privacy** > **Smart TV experience**.
2. Turn off **Use info from TV inputs**. This is Roku's viewing-recognition feature for your antenna and HDMI devices.
3. While you're in **Privacy**, look at the advertising options and limit ad tracking if you'd like.

Roku notes that information collected while the setting was on is kept; turning it off stops new collection from your TV inputs going forward.

TCL Fire TV

1. Go to **Settings** > **Preferences** > **Privacy Settings**.
2. Turn off **Device Usage Data** and **Collect App Usage Data**.
3. Turn off **Interest-based Ads**. You'll still see ads, but they won't be based on a profile of you.
4. On some Fire TV televisions, there's also a setting in the same menu for data from live antenna viewing. Turn it off if you see it.

TCL Google TV

Google TV keeps its privacy choices under **Settings** > **Privacy**, where you can review usage and diagnostics sharing and ads personalization. Your Google account's own activity controls, which you can manage from a computer or phone, also affect what's saved. TCL's menus vary by model, so look through each item in the Privacy section and switch off anything you don't want.

GOOD TO KNOW

What turning these off does not do

It doesn't remove ads from the home screen, and it doesn't stop each streaming app (like Netflix) from knowing what you watch inside that app. It does cut down how much the TV itself reports about you.

WHAT THIS DOES FOR YOU

Why this helps

A few minutes in the privacy menu means less of your household's viewing ends up in advertising profiles, with no downside to how the TV works.

CHAPTER 24

Keeping Your TV Updated

TV software updates fix bugs, close security holes and keep apps working. All three TCL editions update themselves automatically when the TV is connected to the internet, usually while it's on standby. Every so often it's worth checking by hand, especially if an app has started misbehaving.

TCL Roku TV

1. Press **Home** and go to **Settings** > **System** > **Software update** (on older menus, **System update**).
2. Choose **Check now**.
3. If an update is found, let it install. The TV will restart.

TCL Google TV and TCL Fire TV

On Google TV, look in **Settings** > **System** > **About** for the system update option. On Fire TV, look in **Settings** > **Device & Software** > **About**. Choose the option to check for or install updates, and leave the TV on until it finishes.

HEADS UP

Don't unplug during an update

Switching off the power partway through an update can leave the TV unable to start. If an update seems stuck, give it a good half-hour before doing anything else.

TIP

Leave the TV plugged in

TVs usually update overnight while in standby. If yours is on a power strip that you switch off, it may miss updates; plug it straight into the wall or leave the strip on.

WHAT THIS DOES FOR YOU

Why this helps

An up-to-date TV is more secure, and apps that suddenly stop working are often fixed by the latest update.

CHAPTER 25

Scams Aimed at TCL TV Owners

Because so many people search the internet for help setting up a new TV, scammers set traps exactly there. The good news: the rules for staying safe are short and easy to remember.

The fake activation site

You search for "Roku activation" or "activate my TV." The top result looks official and gives you a code that doesn't work, then a phone number. The person who answers says there's an **activation fee**, or that your TV or network is "infected" and needs a paid fix.

SCAM ALERT

Activation is free. Always.

Roku says it never charges for activation or support. Google and Amazon don't charge to set up their TV software either. Type the exact web address your TV shows, never a search result, and never pay anyone to "activate" a TV.

Pop-ups with a phone number

A message on a computer, phone or even inside an unofficial TV app says to call "TCL Support" or "Roku Support" right away. Real companies don't put phone numbers in alarming pop-ups. Close it.

Other tricks to know

- **Remote-access requests**: someone asks you to install a program so they can "fix" your TV from your computer. A TV doesn't need your computer fixed. Hang up.
- **Gift card payments**: no real company asks to be paid in gift cards.
- **"Free channels forever" boxes and apps**: sold door to door or online, often unlicensed and sometimes unsafe.
- **Fake TV deals**: a TCL TV at an impossible price on an unfamiliar website or social media ad. Buy from stores you know.
- **Extended warranty calls** claiming your TV warranty is expiring. If you didn't buy one, ignore them.

HEADS UP

Getting real help

Find support numbers by typing the company's address yourself: **support.tcl.com**, **support.roku.com**, Google's help site or Amazon's help pages. Or call someone you already know and trust.

STAY SAFE

If you already paid or let someone in

Call your bank or card company right away and tell them it was a scam. If you let someone onto your computer, disconnect it from the internet and have it checked. Change any passwords you gave out. You can report it to the FTC at reportfraud.ftc.gov. It happens to careful, intelligent people; there's no shame in it.

PART 8

Fixing Common Problems

No picture, buffering and freezing, and the difference between a restart, a reset and recovery.

CHAPTER 26

"No Signal" and the Wrong Picture

"No Signal" means the TV is working but nothing is coming in on the input it's set to. Work through this list in order; most problems are fixed by step 2.

The checklist

1. Make sure the cable box, DVD player or game console is switched **on**.
2. Switch to the right input: the HDMI number the device is plugged into (Chapter 16).
3. Check the HDMI cable is pushed in firmly at both ends. Try a different HDMI socket on the TV.
4. Turn everything off, unplug the TV and the device for a full minute, and plug them back in.
5. For antenna channels, run a new channel scan (Chapter 17).

Other picture problems

What you see	What to try
Picture too dark	Choose a brighter picture mode, or turn off energy saving (Chapter 19).
Black bars or picture cut off	Look for the picture size or aspect ratio option in picture settings, and choose the automatic or default setting.
Colors look odd	Reset the picture settings for that mode (Chapter 19).
Screen goes dark by itself	Check for a sleep timer or auto power-off setting under the power settings.
Lines or cracks on screen	Physical damage to the panel. Contact TCL with your model number.

TIP

Antenna channels disappear in bad weather

Over-the-air signals can drop out during storms or when leaves are on the trees. Raising the antenna or moving it closer to a window and rescanning often helps.

WHAT THIS DOES FOR YOU

Why this helps

Nine times out of ten a black screen is an input or cable issue, and you can fix it in two minutes without waiting for a service call.

CHAPTER 27

Freezing, Buffering and Wi-Fi Drops

Buffering is the spinning circle you see when a show pauses to load. It's usually the Wi-Fi, not the TV. Freezing apps, on the other hand, are usually fixed by a restart.

When an app freezes

1. Press **Home**, wait a few seconds and open the app again.
2. Restart the TV (Chapter 28). Unplugging it for a full minute works on every edition.
3. Check for updates (Chapter 24).
4. Remove and re-add the app (Chapter 14). You'll need to sign in again.

When shows keep buffering

1. Restart your internet router: unplug it for 30 seconds, plug it back in and wait a few minutes.
2. Move the router out of a cabinet, or closer to the TV if you can.
3. Check the TV's network settings to see the signal strength.
4. If the TV is far from the router, a wired network cable (Ethernet) to the TV, or a mesh Wi-Fi system, gives a steadier connection.

TIP

Is it everyone, or just the TV?

If phones and computers in the house are slow too, the problem is your internet service or router. If only the TV struggles, it's usually distance from the router.

WHAT THIS DOES FOR YOU

Why this helps

A steady Wi-Fi connection makes every app on the TV feel faster and more reliable, and avoids paying for an internet upgrade you may not need.

CHAPTER 28

Restart, Reset and Recovery

There's a big difference between **restarting** a TV (harmless, like turning it off and on) and a **factory reset** (erases everything and starts over as if new). Always try a restart first.

Step 1: Restart

Edition	How to restart
Any TCL TV	Unplug the TV from the wall, wait a full minute, plug it back in.
TCL Roku TV	**Settings** > **System** > **Power** > **System restart**.
TCL Fire TV	**Settings** > **Device & Software** > **Restart**.

Step 2: Factory reset (last resort)

HEADS UP

Before you factory reset

A factory reset erases your Wi-Fi details, apps, sign-ins, antenna channels and every setting. You'll go through first-time setup again (Chapters 5 to 7), sign back in to every app and rescan channels. Make sure you have your Wi-Fi password and your Google, Roku or Amazon sign-in before you begin.

Edition	Factory reset path
TCL Google TV	**Settings** > **System** > **About** > **Factory reset**, then follow the prompts. If you've set a PIN, you'll need it.
TCL Roku TV	**Settings** > **System** > **Advanced system settings** > **Factory reset** > **Factory reset everything**. Type the code shown on the screen to confirm.
TCL Fire TV	**Settings** > **Device & Software** > **Reset to Factory Defaults**.

When the menus won't open

- **Roku TV**: most models have a small **Reset** button (sometimes a pinhole) on the back or side. With the TV on, press and hold it for about 10 to 20 seconds.
- **Fire TV**: hold the **Back** button and the right side of the round navigation ring together for about 10 seconds, then follow the screen.

- **Google TV**: TCL has a **Recovery Mode** for a TV stuck on the logo. TCL advises trying **Reboot system now** before choosing to wipe data, and contacting TCL Support for the right button steps for your model rather than guessing.

WHAT THIS DOES FOR YOU

Why this helps

Knowing the gentle fix (restart) from the drastic one (reset) means you solve most problems in a minute and never erase a carefully set-up TV by accident.

PART 9

When to Call Bill & Your Cheat-Sheet

An honest word about when a hand is worth it, and a one-page summary to keep near the TV.

CHAPTER 29

When to Call Bill

I've written this guide so you can handle most of your TCL TV on your own. But part of being helpful is being honest about when a hand saves you time or worry. Here's my plain advice.

Times it's worth a call

- **A new TV, start to finish**: unboxing, the stand or wall mount, the cable box, the soundbar and first-time setup, so it's ready to watch when I leave. This is my **TV & Streaming Setup** service.
- **Cutting the cord**: an antenna for local channels and the right streaming apps, so you can lower or drop the cable bill with confidence.
- **One remote for everything**: getting HDMI-CEC, the soundbar and the cable box to cooperate.
- **Comfort settings**: picture, dialogue, captions and accessibility tuned for the people who watch most.
- **Privacy cleanup**: going through every data and ad setting on your edition with you.
- **Buffering that won't quit**, which usually points to Wi-Fi in the TV room.
- **Anything that feels like a scam**, or a charge you don't recognize.

What working with me is like

I work at your pace, in your home here in Portage County or remotely over the phone and internet. I explain what I'm doing in plain words, I don't sell you gadgets you don't need, and I'll tell you honestly when a subscription isn't worth it. I bring more than 30 years of professional experience to every visit.

FROM BILL

How to reach me

Call or text **(330) 200-8042** or book a time at **billshometech.com/book**. My help is **$49 remote · $99 in your home**. Bill's Home Tech serves Portage County, Ohio. No question is too small.

GOOD TO KNOW

You may meet Sophie

When you call or visit billshometech.com, you may be greeted by **Sophie**, my AI receptionist. She can answer quick questions and help you book a time with me. The actual help always comes from me.

SCAM ALERT

Hang up on surprise "support" calls

If someone calls claiming to be from TCL, Roku, Google, Amazon or Bill's Home Tech and asks for money, gift cards or remote access to fix your TV, hang up and call me at the number you know.

Thank you for letting me help you enjoy your TCL TV. Take your time, explore without fear, and remember I'm only a phone call away.

— Bill

CHAPTER 30

Your TCL TV Cheat-Sheet

Keep this near the TV. The whole guide, boiled down.

The essentials

To do this	Google TV	Roku TV	Fire TV
Get unstuck	Home button	Home button	Home button
Picture and sound	Settings (gear) > Picture or Sound	Star button while watching	Settings > Display & Audio
Captions	Settings > Accessibility > Captions	Settings > Accessibility > Captions mode	Menu button > Subtitles
Antenna scan	Settings > Channels & Inputs > Channels > Channel scan	Settings > TV inputs > Live TV > Scan for channels	Settings > Live TV > Channel Scan
Privacy	Settings > Privacy	Settings > Privacy > Smart TV experience	Settings > Preferences > Privacy Settings
Model number	Settings > System > About	Settings > System > About	Settings > Device & Software > About
Factory reset	Settings > System > About > Factory reset	Settings > System > Advanced system settings > Factory reset	Settings > Device & Software > Reset to Factory Defaults

Write it down once

Keep handy	
My TCL edition (Google / Roku / Fire)	_____
Model number	_____
Cable box is on HDMI number	_____
Soundbar is on HDMI (ARC) number	_____
Wi-Fi network name	_____
Account the TV is signed in to (email)	_____
Streaming services we pay for, and where billed	_____

When something's wrong, in order

1. No picture: check the device is on, then the input, then the HDMI cable.
2. Remote dead: fresh batteries, then unplug the TV for a minute.
3. App frozen: Home, reopen it, then restart the TV.
4. Buffering: restart the router.
5. A website or caller wants money to activate or fix your TV: stop. It's a scam.
6. Still stuck: call Bill at (330) 200-8042.

FROM BILL

I'm here when you need me

Call **(330) 200-8042** or book at **billshometech.com/book**. $49 remote · $99 in your home.