BILL'S HOME TECH

Home & Small Business Tech Solutions

AN EXTENDED GUIDE · NO. 2142

*Updated November 2026*

# "No Signal" on the TV — Input, Cable, or Box?

*A black screen that says "No Signal" almost always means the TV is looking at the wrong input*

*Plain-English TV help from:*
Bill's Home Tech
*Portage County, Ohio*

Tech Made Simple. Service Made Personal.

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**SUMMARY**

## The 60-Second Version

"No Signal" almost always means the TV is set to the wrong input, not that it is broken. Press the Input or Source button and step through each input — HDMI 1, HDMI 2, and so on — until your picture appears, and note which one your box uses. If the right input is blank, wake or restart the box and press the HDMI cable firmly in at both ends.

If the TV responds to its own buttons but not the remote, the remote needs batteries or re-pairing. Only a screen that stays black even for the TV's own menu points to the TV itself.

## 1 The Short Version

"No Signal" means the TV is tuned to an input where nothing is plugged in, or to a box that is turned off. The picture you want is usually sitting on a different input, one button away. This is the single most common cause, and it is a thirty-second fix once you know where to look.

The rest of this guide walks through the handful of other reasons — a loose cable, a sleeping cable box, a remote problem — in the order worth checking them. Go down the list and stop when the picture comes back.

- "No Signal" almost always means the wrong input is selected.
- Press the Input or Source button and step through each one until your picture appears.
- If the right input is blank, suspect a loose HDMI cable or a box that is off or asleep.
- A TV that shows its own menus fine is not broken — the picture source is the issue.

**TIP**

Look for a button marked "Input," "Source," or a little rectangle with an arrow going into it, on either the remote or the side of the TV. Pressing it is the first and most important thing to try.

## 2 What "No Signal" Really Means

Your TV has several inputs — usually a row of HDMI ports on the back, each numbered, plus perhaps an antenna or cable connection. Each is like a separate channel the TV can watch. Your cable box might be on HDMI 1, a streaming stick on HDMI 2, a DVD player on HDMI 3. The TV can only show one at a time, and it shows whichever input is selected.

When the selected input has nothing sending a picture — because nothing is plugged into it, or the device plugged in is off — the TV honestly reports "No Signal." It is not confused or broken; it is looking exactly where you told it to, and that spot happens to be empty. Switch to the input where your box actually is, and the picture returns at once.

**GOOD TO KNOW**

Inputs get switched by accident all the time — a grandchild presses a button, the remote gets sat on, or a power cut makes the TV forget. So "No Signal" appearing out of nowhere, with nothing else changed, is almost always just a bumped input, not a failure.

## 3 Step Through Every Input

This is the fix that solves most "No Signal" screens. You are going to look at each input in turn until your picture shows up.

1. Press the Input or Source button on the remote (or on the side of the TV).

2. A list or a set of boxes appears — HDMI 1, HDMI 2, TV, AV, and so on.
3. Choose the next one and wait a few seconds to see if your picture appears.
4. If not, go back to the Input button and try the next one, and the next.
5. When your show appears, you have found the right input — remember its name for next time.

> **TIP**
>
> Jot down which input your main box uses — for example "cable = HDMI 1." Tape a little note to the side of the TV or the remote. The next time the input gets bumped, you will know in two seconds exactly where to go back to.

## 4 Wake Up or Restart the Box

If you land on the right input and it is still black, the device feeding it — the cable box, satellite box, or streaming stick — may be off or asleep. A box in standby sends no picture, so the TV shows "No Signal" even on the correct input.

1. Check that the box has power — a light on the front — and press its own power button or any button to wake it.
2. If it stays dark, unplug the box from the wall, wait 30 seconds, and plug it back in.
3. Give it a minute or two to start up fully; cable boxes can take a surprisingly long time.
4. Watch the right input the whole while — the picture should appear once the box finishes waking.

> **GOOD TO KNOW**
>
> A cable or satellite box that has just been restarted can take two or three minutes to download its guide and come back to life. A black screen during that time is normal — give it a few patient minutes before assuming something is wrong.

# 5 Check the Cable Between Box and TV

If the input is right and the box is awake but the screen is still black, the cable carrying the picture may have worked loose. HDMI cables slide out of their ports easily — a nudge when dusting, a pet behind the TV, or just the weight of the cable over time.

1. At the back of the TV, find the HDMI cable going to the input you selected and press it firmly back in until it seats.
2. Do the same at the other end, where the cable plugs into the box.
3. If you have a spare HDMI cable, try swapping it in — cables do fail, and a bad one looks exactly like "No Signal."
4. Try the box in a different HDMI port on the TV, then switch the input to match that port.

> **WATCH OUT**
> Press HDMI connectors straight in and straight out — wiggling them hard sideways can loosen the port over time. If a connector feels wobbly or the picture flickers when you touch the cable, that cable or port may be the problem, and it is worth having it looked at rather than forcing it.

# 6 Rule Out the Remote

Sometimes the input will not change because the remote is not reaching the TV, and it only looks like a signal problem. Before blaming the TV, make sure the remote itself is working.

- Try changing the input or volume using the buttons on the TV itself — usually on the side, back, or bottom edge.
- If the TV's own buttons work but the remote does not, the remote needs fresh batteries or re-pairing.
- Point the remote straight at the TV with nothing blocking the little window at its front.

**TIP**

If the TV responds to its own buttons but not the remote, you have learned something useful: the TV is fine, and the fix is the remote. Fresh batteries solve most remote trouble in seconds.

Rather not do this yourself? I'll come to your home and set it up for you — a flat $99 first visit across Portage County, Ohio and nearby communities. Outside the area? I also help remotely by phone or screen-share. Book at billshometech.com/book or call (330) 200-8042.

# 7 Antenna or Cable-Wall Connections

If you watch regular channels through an antenna or a cable screwed straight into the wall — rather than through a box — "No Signal" can mean that coaxial connection has loosened or the TV needs to scan for channels again.

1. Check the round, screw-on coax cable at the back of the TV and at the wall outlet; finger-tighten it snugly.
2. Make sure the TV's input is set to "TV," "Antenna," or "Cable" rather than an HDMI.
3. If the connection is fine but channels are missing, run the TV's channel scan (covered in its own guide) to find them again.

**GOOD TO KNOW**

Weather, a bumped antenna, or nearby construction can knock out over-the-air channels temporarily. If live channels vanish but your streaming apps still work, the TV and internet are fine — it is the antenna signal that dropped.

## 8 One Input Is Dead but Others Work

If every input shows a picture except one, the trouble is narrowed down to that single port or the one device and cable on it. That is good news — it rules out the TV, the remote, and your whole setup, and points at one small thing.

- Move that device's cable to a different HDMI port and switch the input to match — if it works there, the first port is the problem.
- Swap in a different HDMI cable to that device — if it works, the old cable had failed.
- If the device works on no port at all, the device itself may be the issue, not the TV.

> **WATCH OUT**
> A single dead HDMI port happens, and it does not mean the TV is finished — you simply use the ports that work. If you are running low on good ports, I can sort out a small switch box that adds more, so everything still reaches the TV.

## 9 Mind the Sound Bar or Receiver in the Chain

If your picture passes through a sound bar or a receiver on its way to the TV — a common setup — that extra box adds another place for "No Signal" to appear. The chain might run cable box into receiver, then receiver into TV, and a problem anywhere along it shows as a black screen.

1. Make sure the sound bar or receiver is powered on — if it is off, it may block the picture passing through it.
2. Check that the receiver is set to the right input too; it has its own input selection, just like the TV.
3. Press the HDMI cables in firmly at every box in the chain, not just at the TV.
4. To test, try plugging the cable box straight into the TV for a moment; if the picture returns, the trouble is the box in the middle.

**GOOD TO KNOW**

Each extra box in the chain has its own input setting, so sometimes "No Signal" is simply the receiver pointed at the wrong input while the TV is pointed correctly. Walking the picture one box at a time quickly shows where it drops out.

## 10 Make a Simple Map of Your Setup

A great deal of "No Signal" panic comes from not knowing what is plugged in where. Five minutes spent writing down your setup saves you every time something gets bumped in the future.

- Note which device is on each HDMI port — "HDMI 1 = cable box, HDMI 2 = Roku."
- Note which input you use for everyday watching, and write it where you will find it.
- If a sound bar or receiver is in the chain, note its correct input too.
- Keep the note taped to the side of the TV or inside the remote's battery area.

**TIP**

Take a quick photo of the back of your TV with your phone, with the cables plugged in. If anything ever comes loose, the photo shows you exactly where each cable belongs — no guessing behind the set.

## 11 The Picture Flickers or Drops In and Out

Sometimes it is not a steady "No Signal" but a picture that keeps cutting out and coming back, or flickering to black for a second. This is a different clue: it points to a connection that is almost but not quite solid, rather than a wrong input.

- A loose or failing HDMI cable is the usual cause — reseat it, or swap in a known-good cable.
- A cheap or very long HDMI cable can be marginal; a better-made cable often steadies the picture.

- Flickering only on 4K content can mean the cable is not rated for the higher speed it needs.
- If a particular HDMI port flickers but others do not, use a different port.

**WATCH OUT**

If the picture drops out whenever someone walks past or the TV is bumped, that is a physical connection problem — a cable or port working loose. Forcing or taping it is a temporary patch at best; a proper replacement cable or port is the real fix, and worth getting right.

**GOOD TO KNOW**

Flickering can occasionally come from the source device struggling — an overheating streaming stick or a cable box on its last legs — rather than the cable. If a fresh cable in a known-good port still flickers, suspect the device feeding the picture.

## 12 When the Whole Screen Stays Black

If no input shows anything and even the TV's own menu will not appear when you press the Menu button, then the issue is the TV itself rather than a signal. Start with the basics before worrying, because a surprising number of "dead" TVs simply need a full power reset.

1. Confirm the TV is truly on — a standby light is not the same as being on.
2. Unplug the TV from the wall for 60 seconds, then plug it back in and turn it on (this clears many glitches).
3. Make sure nothing is set to an energy-saving or "picture off" mode you can toggle with the remote.
4. Try a flashlight held close to the screen while it is on — if you can faintly see a picture, the backlight has failed, which is a repair question rather than a signal one.
5. If the menu still will not show, that points to the TV needing a professional look.

# 13 When to Call Bill

Most "No Signal" screens come down to a bumped input and clear up in under a minute. But if you have stepped through every input, checked the cables, and restarted the box with no luck, you do not need to keep guessing at the back of the TV.

I come to you, find exactly which link in the chain dropped out — input, cable, box, or TV — and put the picture back. If it turns out a cable or port has failed, I bring the right replacement and set it so the problem does not keep returning, and I label your inputs so a bumped button is a ten-second fix next time.

- You have tried every input and none shows your picture.
- A cable or HDMI port feels loose, flickers, or seems to have failed.
- The box will not wake even after unplugging and restarting it.
- The screen stays black even for the TV's own menu.

CHEAT SHEET

# Everyday Cheat Sheet

Keep this by the TV. Try these in order; stop when the picture comes back.

| I want to... | Do this... |
|---|---|
| Get the picture back | Press Input/Source and step through each one until your show appears |
| Fix a blank right input | Wake or restart the box (unplug 30 sec, wait a couple minutes) |
| Chase a loose connection | Press each HDMI cable firmly in at both ends, or swap the cable |
| Tell TV from remote | Change the input using the TV's own buttons; if that works, the remote is at fault |
| Fix missing live channels | Check the screw-on antenna cable and run the TV's channel scan |
| Remember the setup | Label which input your box uses (e.g. "cable = HDMI 1") |
| Get help | Call Bill: (330) 200-8042 |

**BEFORE YOU GO**

# A Note From Bill

A quick note from Bill. I write these guides to make home tech a little less frustrating, and I do my best to keep every step accurate and up to date. Still, every home, device, and setup is a bit different, so I can't promise a guide will match yours exactly or fix your particular problem. These guides are for general information only — they're not professional, legal, or financial advice, and they don't replace your device's own manual or the manufacturer's instructions. Please go slow, use your own good judgment, and use everything here at your own risk. If a step involves electrical wiring, a gas appliance, a water heater, plumbing, or climbing a ladder — or if anything just doesn't feel safe — please stop and call a licensed professional (or give me a call at 330-200-8042). Bill's Home Tech and Bill Davis can't be responsible for any damage, data loss, or injury that results.

HOW I CAN HELP

# Your Visit — and My Promise

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**GOOD TO KNOW**

My promise — If you're not 100% satisfied with your visit, I'll come back at no charge, or refund the full $99. No questions, no awkwardness. That's how I'd want to be treated.

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