i3CONNECT

i3TOUCH X-ONE

USER MANUAL

Start safely and get going straight away

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WELCOME TO YOUR i3TOUCH X-ONE

This manual helps you start using your i3TOUCH X-ONE display safely and get going straight away. Wireless presenting, video calls, updating apps: here's how it all works, so your lesson or meeting starts without a hitch.

Read the safety instructions in chapter 1 before you start using the display. Keep this manual handy, so you can look things up later and use it to train new users.

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3	Wireless presenting with i3ALLSYNC
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> **Need a hand?**
> Still stuck? Head to support.i3-connect.com.

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Chapter 1

SAFETY WARNINGS AND PRECAUTIONS

Read these safety warnings and precautions before you start using the product.

Warnings and precautions

- Read this manual and its guidelines carefully and make sure you understand them.
- Keep this manual for future reference and for training new users of the product.

Setup and installation

- Read the complete installation guide and prepare every task before you start step 1.
- Don’t put heavy objects on top of the display.
- Don’t place the display near appliances that generate magnetic fields.
- Don’t expose the display to direct sunlight or other sources of heat.
- Don’t place the display on an unstable cart, stand, tripod, bracket, table or shelf.
- Keep liquids away from the display and make sure nothing spills inside it.

Electrical safety

- Protect the power cable from physical or mechanical damage.
- Check that the wall outlet is earthed.
- Unplug the display during thunderstorms or lightning.
- Check that your local power supply matches the product’s operating voltage.
- Only use the original power cable from the accessory bag. Don’t modify or extend it.
- Unplug the power cable if you won’t be using the display for a long time.

Maintenance and cleaning

- Always unplug the power cable before cleaning.
- Clean the screen only with soft, lint-free, dry cloths made for LCD screens.
- Need a deeper clean? Always contact an authorised service centre.
- Never use water or spray detergents to clean the display.
- Don’t open the device. There are no user-serviceable parts inside.

Placement and ambient conditions

- The display works at an ambient temperature between 0 °C and 40 °C.
- Don’t place the product near a radiator, heater or other heat source.
- Moving the display suddenly from a cold place to a warm one (from a truck, for example)? Keep the power cable unplugged for at least 2 hours, so any moisture inside can evaporate.
- Don’t expose the display to rain or very humid conditions.
- Keep the room dry and cool. The display works at a relative humidity between 10% and 90%.

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- Place the display somewhere well ventilated, so heat can escape easily. Keep 10 cm clear on the left, right and below the display, and 20 cm clear above it.

Environment

- Don’t throw batteries in with household waste. Always follow your local rules for battery collection.

Other

- All images and instructions in this manual are mainly for guidance. There may be differences between the images or instructions and the actual product. If so, the product itself is leading.

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Chapter 2

GETTING STARTED WITH i3STUDIO

Welcome to i3STUDIO

i3STUDIO is designed to give you a great experience on your i3TOUCH display, from the moment you switch it on. It's packed with built-in features, so you get more out of your display:

- An intuitive interface that's easy to use, no training needed
- Built-in productivity apps for whiteboarding, annotating, wireless presenting, video conferencing and more
- Automatic updates, so you're always on the latest version
- Personalise i3STUDIO to the way you work
- Remote display management (i3RDM), so IT can manage your displays from one place

Let's get started by setting up your i3TOUCH display.

Going further with i3STUDIO

You'll find step-by-step guides on these topics in the online documentation:

- The i3STUDIO setup wizard
- The i3STUDIO home screen
- Finding your way around the i3STUDIO interface
- Presenting with wireless casting in i3STUDIO
- Annotating in i3STUDIO
- i3WHITEBOARD for notes and whiteboarding in i3STUDIO
- Video conferencing with ZOOM for hybrid calls in i3STUDIO
- Browsing the web in i3STUDIO
- Themes to personalise the look of i3STUDIO
- The tiles widget to personalise the i3STUDIO home screen

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Chapter 3

WIRELESS PRESENTING WITH i3ALLSYNC

Want to stream content to the i3TOUCH display over Wi-Fi? It takes one press of a button.

Start Wi-Fi streaming with the Present button on the home screen (1), or from the bottom or side menu (see the image below).



The i3STUDIO home screen with the Present button (1) and the i3ALLSYNC widget (2).

1	Present button: starts wireless presenting
2	i3ALLSYNC widget with the details for a quick connection: room name, Wi-Fi network and connection code

On Windows, Mac or Android? i3ALLSYNC gets your content onto your i3TOUCH display with no effort at all.

No Wi-Fi network around? No problem. You can set up your i3TOUCH as a hotspot.

You'll find more information and downloads on the i3CONNECT website under Wireless sharing. Once you know how to set up a connection, you'll connect to your display in seconds using the details in the i3ALLSYNC widget on screen (2).

Wired sources

Does your computer or device not support i3ALLSYNC? The traditional inputs, such as HDMI, USB-C and VGA, are there too. You'll find them in the side menu under Input sources.

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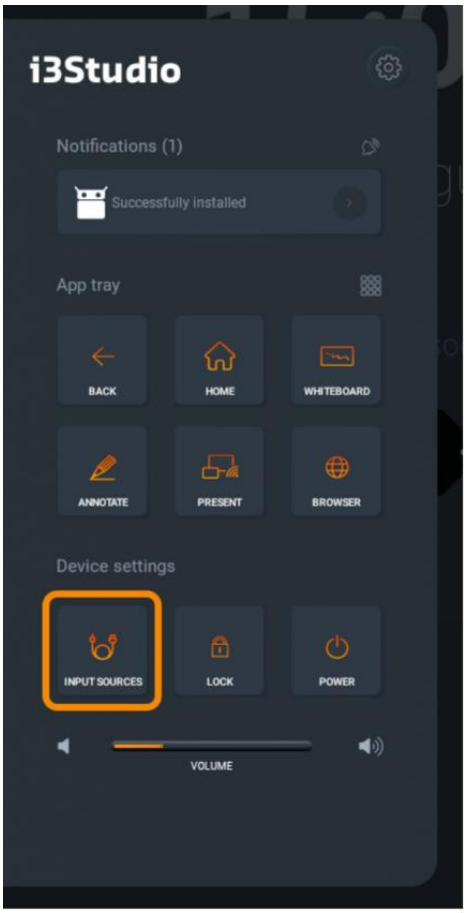
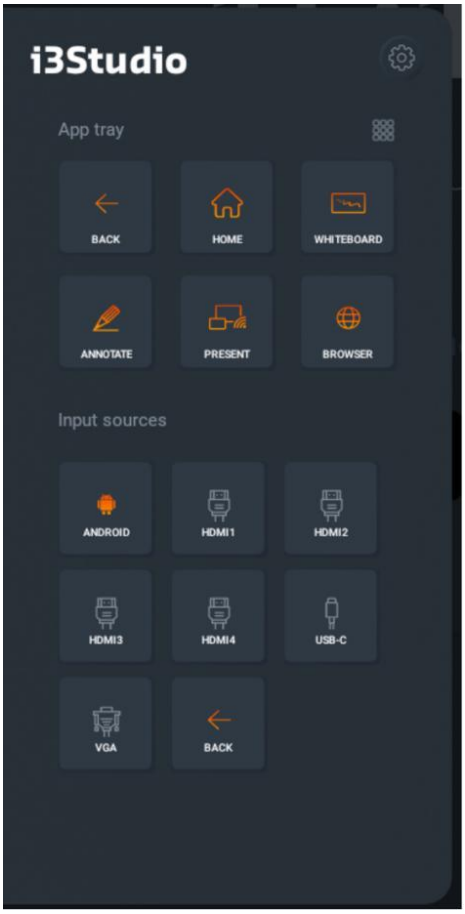


Side menu with the Input sources button.



Overview of the inputs.

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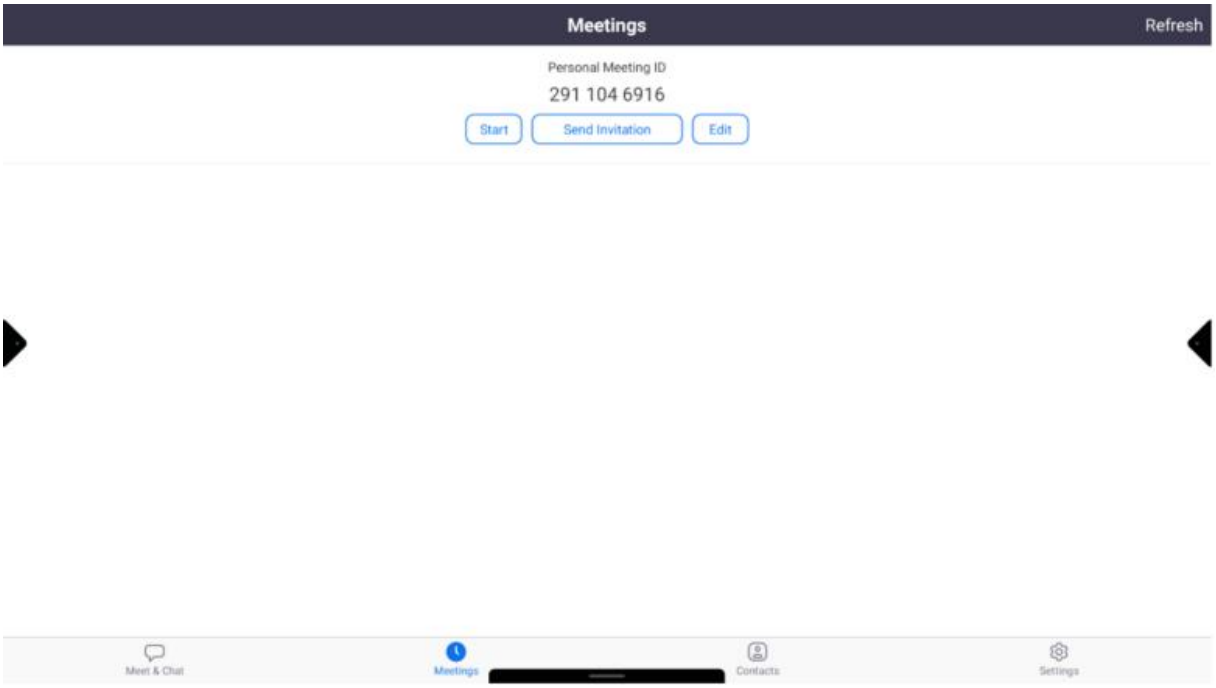
Chapter 4

VIDEO CONFERENCING WITH ZOOM FOR HYBRID MEETINGS

Your i3TOUCH display comes with the Zoom video conferencing app pre-installed. Pair it with one of the i3CAMERAs and you open up a whole world of interactive collaboration.

Share your meeting or lesson with colleagues or students anywhere in the world, as if they were in the room with you.



The Zoom app on the i3TOUCH display.

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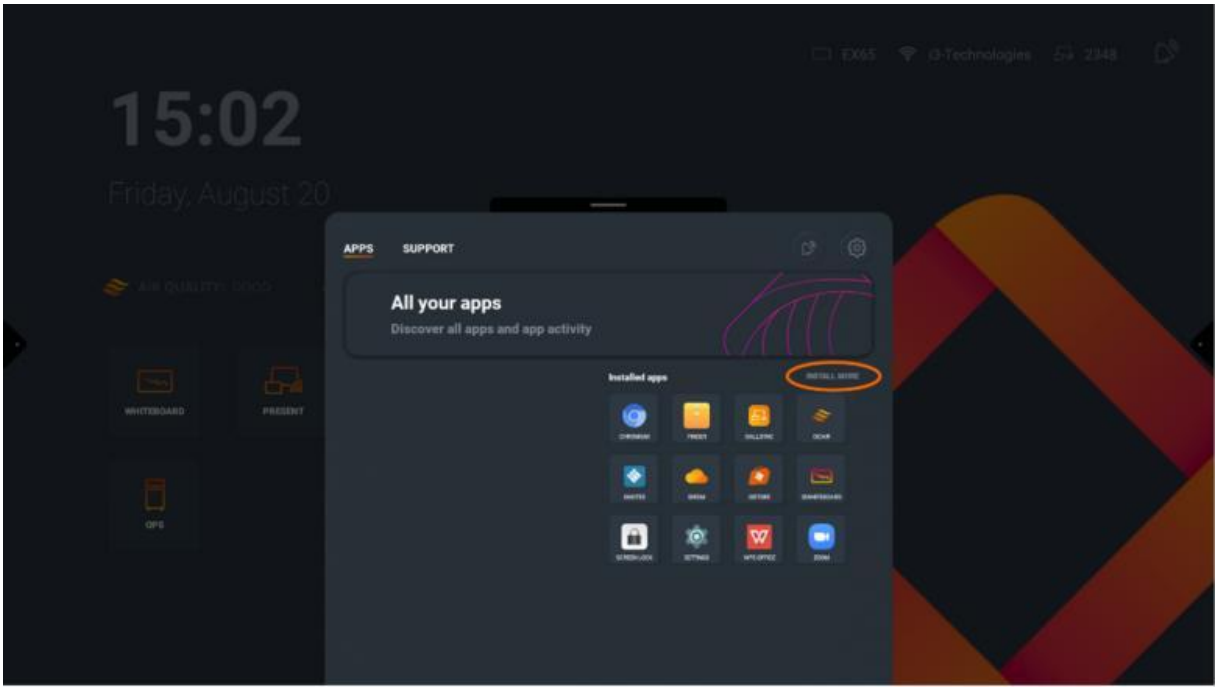
Chapter 5

INSTALLING AND UPDATING APPS WITH i3STORE

The built-in i3STORE app lets you install apps on your system.

Installing apps

1. Swipe up to open the bottom menu. Here you'll see a list of the apps already installed.
2. Tap Install more in the top-right corner. That takes you to the i3STORE.



The apps menu with the Install more button.

The first page of the i3STORE shows every app that's available to install on your device, or that's already installed.

Once installed, apps appear automatically in the App tray in the bottom menu.

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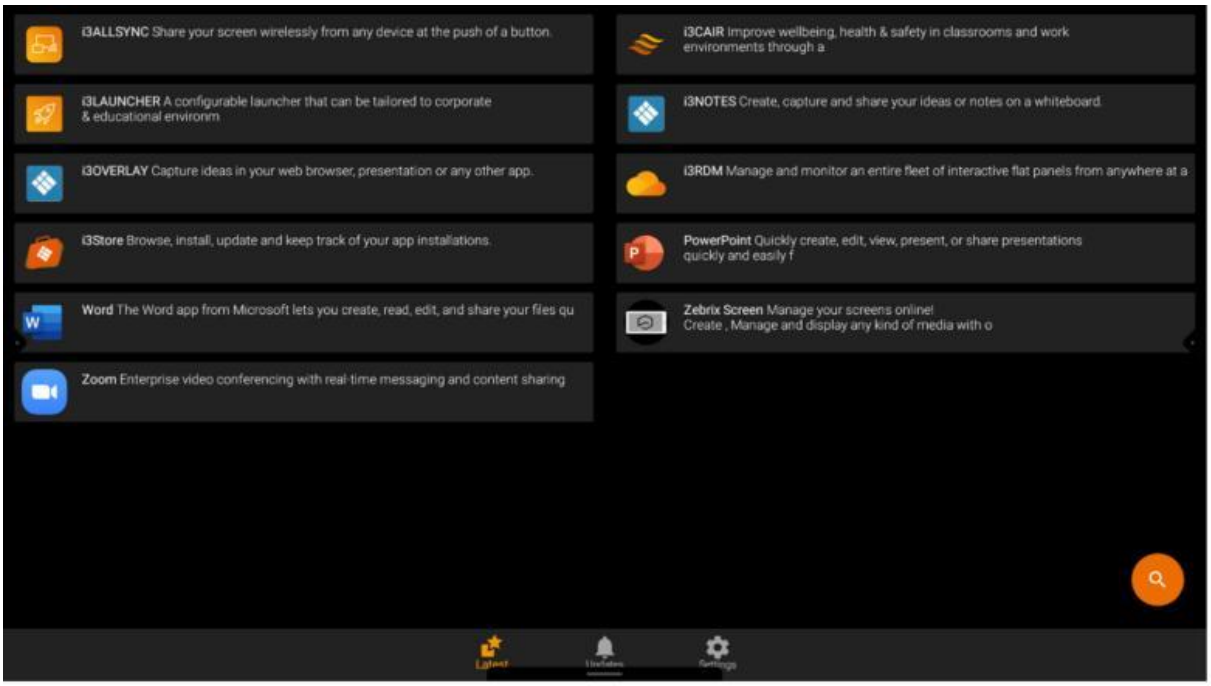

The first page of the i3STORE with available apps.

Updating apps

The second page of the i3STORE shows any updates available for apps you've already installed. Keep your apps up to date to enjoy the latest features.

Automatic updates

The third page holds the i3STORE settings. Here you can switch on automatic app updates, for example. Your apps then update in the background, without you having to think about it.

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Chapter 6

RS232 COMMANDS

Control your i3TOUCH remotely with the RS232 command protocol, over a serial cable or your local network. Handy for AV integration and running several rooms from one place.

Send all communication to the device as hexadecimal values. Depending on your control software, check that commands are formatted and sent as hexadecimal digits, not ASCII characters. In this chapter, the prefix “0x” means the characters that follow are a base-16 hexadecimal number (1 byte).

Serial port setup

Setting	Value
Baud rate	19200 bps
Data length	8 bits
Parity	None
Stop bit length	1 bit
Flow control	None

Telnet port setup

Setting	Value
TCP/UDP port	6688

> **Good to know**
> Check that your network tool supports communication in hexadecimal notation.
> The Power on command can’t switch the device on over IP. Use the Wake-on-LAN feature for that.

Command table

Function	Command	Response
Power on	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x00 0xCF	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x00 0x01 0xCF
Power off	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x01 0xCF	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x01 0x01 0xCF
Mute / unmute	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x02 0xCF	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x02 0x01 0xCF
Volume up	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x18 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x18 0x01 0xCF
Volume down	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x17 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x17 0x01 0xCF
Set volume 0xXX = volume: 0x00 (0%) to 0x64 (100%)	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x05 0xXX 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x05 0xXX 0x01 0xCF
Signal source: HDMI 1	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x53 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x53 0x01 0xCF

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Function	Command	Response
Signal source: HDMI 2	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x52 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x52 0x01 0xCF
Signal source: USB-C front	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x54 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x54 0x01 0xCF
Signal source: USB-C rear	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x55 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x55 0x01 0xCF
Signal source: OPS PC	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x38 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x38 0x01 0xCF
Signal source: DisplayPort	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x56 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x38 0x56 0xCF
Launch i3WHITEBOARD	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x07 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x07 0x01 0xCF
Home	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x1C 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x1C 0x01 0xCF
Return (exit)	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x1D 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x1D 0x01 0xCF
Enter (OK)	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2B 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2B 0x01 0xCF
Navigate left	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2C 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2C 0x01 0xCF
Navigate right	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2D 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2D 0x01 0xCF
Navigate up	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2E 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2E 0x01 0xCF
Navigate down	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2F 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x2F 0x01 0xCF
Capture screen image	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x1F 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x1F 0x01 0xCF
Freeze screen (toggle)	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x3B 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x3B 0x01 0xCF
Freeze screen on	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x0B 0x00 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x0B 0x00 0x01 0xCF
Freeze screen off	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x0B 0x01 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x0B 0x01 0x01 0xCF
Increase backlight brightness	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x47 0xCF	0x7F 0x09 0x99 vA2 0xB3 0xC4 0x02 0xFF 0x01 0x47 0x01 0xCF
Decrease backlight brightness	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x48 0xCF	0x7F 0x09 0x99 vA2 0xB3 0xC4 0x02 0xFF 0x01 0x48 0x01 0xCF
Set backlight brightness 0xXX = brightness: 0x00 (0%) to 0x64 (100%)	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x09 0xXX 0xCF	0x7F 0x09 0x99 vA2 0xB3 0xC4 0x02 0xFF 0x09 0xXX 0x01 0xCF

Request table

Request	Command	Response	Note
Power status	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x37 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x37 0xXX 0xCF	0xXX = power state 0x00: power off 0x01: power on

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Request	Command	Response	Note
Mute status	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x82 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x82 0xXX 0xCF	0xXX = mute state 0x00: not muted 0x01: muted
Current signal source	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x50 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x50 0xXX 0xCF	0xXX = current signal source 0x30 = Android 0x17 = OPS PC 0x20 = DisplayPort 0x1F = HDMI 1 0x1E = HDMI 2 0x00 = USB-C front 0x01 = USB-C rear
Speaker volume	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x33 0xCF	0x7F 0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x33 0xXX 0xCF	0xXX = volume 0x00 = 0% 0x64 = 100%
Backlight brightness	0x7F 0x08 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x49 0xCF	0x7F 0x0x09 0x99 0xA2 0xB3 0xC4 0x02 0xFF 0x01 0x49 0xXX 0xCF	0xXX = brightness 0x00 = 0% 0x64 = 100%

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