FCC Warning

Any Changes or modifications not expressly approved by the party
responsible for compliance could void the user's authority to operate
the equipment.This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received,

including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits
for a Class B digital device, pursuant to part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against
harmful interference in a residential installation. This equipment
generates, uses and can radiate radio frequency energy and,
if not installed and used in accordance with the instructions,
may cause harmful interference to radio communications. However,
there is no guarantee that interference will not occur in a particular
installation. If this equipment does cause harmful interference to
radio or television reception, which can be determined by turning
the equipment off and on, the user is encouraged to try to correct the
interference by one or more of the following measures:

· Reorient or relocate the receiving antenna.

· Increase the separation between the equipment and receiver.

· Connect the equipment into an outlet on a circuit different from
that to which the receiver is connected.

· Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth
for an uncontrolled environment.

About the CMA18 Portable

The CMA18 Portable is a portable DAC and headphone amplifier. It inherits the
design style of Questyle's flagship desktop DAC & amplifier, the CMA Eighteen
Master. It is battery-powered and designed with the DAC chip AK4493, which
provides up to DSD512/PCM768 signal processing, and also features Questyle's
own patented Current Mode Amplifier SiP chips CC630/CA630, which allows the
CMA18 Portable achieve a caliber of performance that rivals desktop systems.

Connect the CMA18 Portable to your mobile phone or laptop, and you can enjoy
high quality lossless music anytime, anywhere.

The CMA18 Portable is certified by Apple, as a MFi product in Apple's ecosystem.
It features a variety of input options (USB-C/Optical/Bluetooth/Analog Balanced
/Analog Unbalanced), a headphone amplifier with 4.4mm balanced and 3.5mm
unbalanced outputs, as well as a recording function.

As a portable DAC & headphone amplifier, the CMA18 Portable can be
connected to digital audio output devices such as mobile phones, computers, CD
players, and music streamers, and more. It is capable of driving analog audio
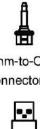devices like Hi-Fi headphones/Hi-Fi earbuds and active speakers.
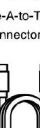
What's in the Box

CMA18 Portable x 1

Quick Start Guide x 1
Warranty x 1

3.5mm-to-Optical
Connector x 1

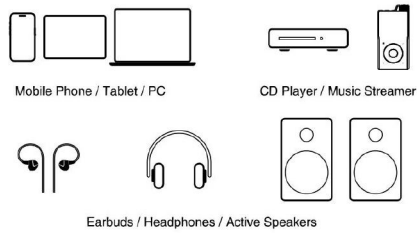Type-A-to-Type-C
Connector x 1

Lightning-to-Type-C
Cable x 1

Type-C-to-Type-C
Cable x 1
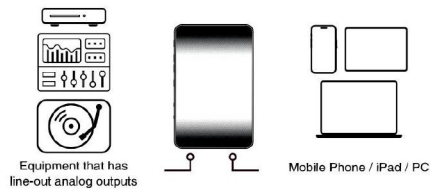
Type-C-to-Type-C
Charging Cable x 1

Compatible Devices

Mobile Phone / Tablet / PC

CD Player / Music Streamer

Earbuds / Headphones / Active Speakers
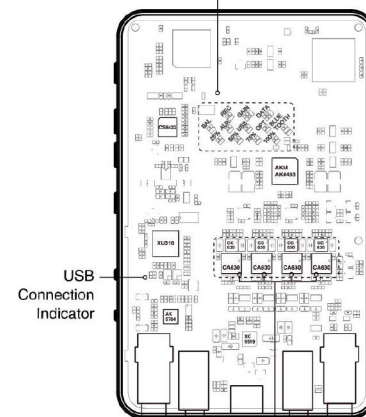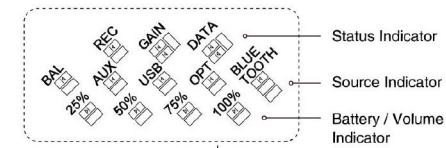
Analog Input Recording Function

The CMA18 Portable has two stereo line-in inputs - 3.5mm (AUX IN) and 4.4mm (BAL IN) - that can be connected to any audio equipment that has line-out analog outputs, including vinyl record systems, pre-amps, mixing consoles, and more. Once connected, the CMA18 Portable is capable of functioning as an external, lossless, high-performance analog-to-digital (ADC) recording device for either of these inputs. It also allows the user to simultaneously monitor the input during the recording process via the 3.5mm or 4.4mm outputs.

How to use the recording function: When the CMA18 Portable is set to either AUX IN or BAL IN mode and connected via USB to a host device (any phone, tablet, or computer, etc that allows for recording over USB sound cards), both the USB connection and REC indicator lights will illuminate, signaling that the recording function is enabled. There are no special requirements for which recording software is used, as long as it supports recording via external USB sound card/audio interface.

Equipment that has line-out analog outputs

Mobile Phone / iPad / PC

Elements of the CMA18 Portable

Front View

Status Indicator

Source Indicator

Battery / Volume Indicator

USB Connection Indicator

Working Status Indicators of Questyle PCT Patented CMA SiP Chips CC630/CA630
(two illuminate for unbalanced out, four illuminate for balanced out)

Elements of the CMA18 Portable

Side View

Power On/Off Button
·Press and hold for 2 seconds to turn on/off
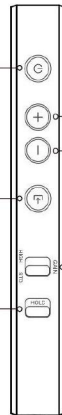·Press to show the battery level

Function Button
·Press to switch source
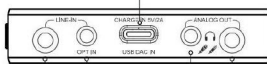·Press and hold to start Bluetooth pairing

Hold Switch

Volume Button
·Press to increase volume one step
·Press and hold toincrease volume continuously

·Press to decrease volume one step
·Press and hold to decrease volume continuously

Gain Switch

Bottom View

USB DAC In / USB REC / 5V Charge In
(Playback not supported while charging)

4.4mm BAL Analog In

3.5mm Analog/Optical In

4.4mm BAL Analog Out

3.5mm Analog Out

Elements of the CMA18 Portable

Sample Rate Indicator

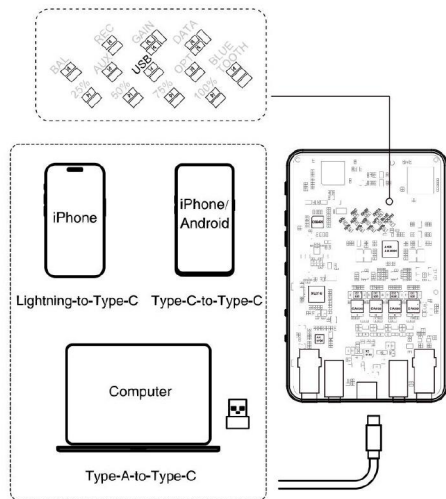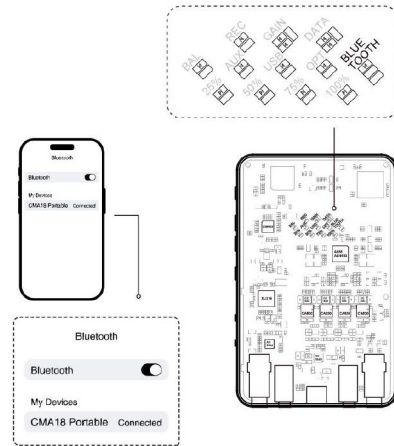| Indicator	Meaning
REC/GAIN /DATA	· REC: Illuminates amber when recording function is available · GAIN: Illuminates red for High Gain mode, amber for STD mode. · DATA: Illuminates red for Hi-Res, amber for Normal.
BAL/AUX/USB/ OPTICAL/ BLUETOOTH	· Will not illuminate when the device is powered-off or charging. · When on, illuminates amber indicating source. · In Bluetooth mode, blinks slowly to indicate no Bluetooth connection; blinks quickly to indicate pairing; constant illumination indicates Bluetooth is connected.
25%/50%/ 75%/100% Battery / Volume	· Will not illuminate when the device is power-off or under normal circumstances. · During charging, illuminates amber to indicate charging progress. · When powered on, press Power On/Off button to show battery level.
USB Connection	Illuminates amber when USB is connected.
Current Mode	Illuminates amber when the Current Mode SiPs are in operation.

How To Use the CMA18 Portable

USB DAC Input

· Connect the CMA18 Portable to your iPhone via the USB DAC In with a Lightning-to-Type-C cable, to your Android phone with a Type-C-to-Type-cable, or to your computer with a Type-A-to-Type-C connector.

· Press Function Button to switch to "USB" input.

· "USB" indicator light will illuminate amber.

iPhone

iPhone/Android

Lightning-to-Type-C   Type-C-to-Type-C

Computer

Type-A-to-Type-C

Bluetooth Function

· Press Function Button to switch to "BLUETOOTH" input.

· The indicator blinks quickly indicating pairing. Find the CMA18 Portable in your device's Bluetooth settings and click to pair. When the light stops blinking, Bluetooth is connected.

· The indicator blinks slowly to indicate no Bluetooth connection. Press and hold the Function Button to start pairing.

Bluetooth

Bluetooth

My Devices

CMA18 Portable   Connected

4.4mm BAL Analog Input

· Press Function Button to switch to "BAL" indicator.
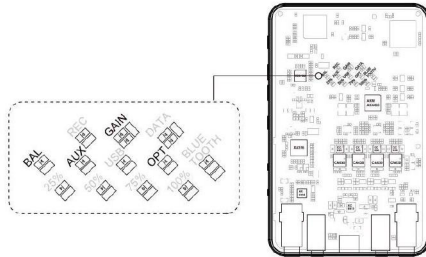· "BAL" indicator lights on amber.

3.5mm AUX Analog Input

· Press Function Button to switch to "AUX" indicator.
· "AUX" indicator lights on amber.

Optical Input

· Press Function Button to switch to "OPT" indicator.
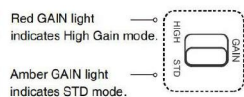· "OPT" indicator lights on amber.

Gain Control of Headphone Amplifier
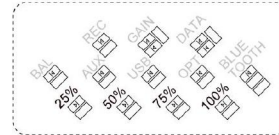
There are two Gain control options:

HIGH is for high gain mode, it is used to drive high-impedance devices.
STD is for standard mode, it is used to drive devices of high sensitivity and low impedance.

Red GAIN light indicates High Gain mode.

Amber GAIN light indicates STD mode.

Volume Control

· Press the Volume Button "+/-" to turn up or down the volume step by step. Press and hold to adjust the volume continuously.
· There are four indicators from left to right indicating volume of 25% / 50% / 75% / 100%.
· Under each volume indication light, there are 8 volume steps to adjust, allowing for 32 steps volume adjustment in total.

Battery Indicator

· With the CMA18 portable powered on, quickly press Power On/Off button to show battery level (the lights will turn off after 5 seconds.)
· Four indicator lights indicate the battery level is 76%~100%.
· Three indicator lights indicate the battery level is 51%~75%.
· Two indicator lights indicate the battery level is 26%~50%.
· One indicator light indicates the battery level is 1%~25%.

Battery Charging

· Battery indicator blinks amber while charging.
· Battery indicator blinks on amber while charging.

* · When the battery is low, the first indicator light will blink continuously. Please charge the battery to continue operation.
· The CMA18 Portable cannot support playback while charging.

To use the UAC2.0 function on Win XP/Vista/Win7/Win8 operating systems, you need to install a driver.
Please visit www.questyle.com for instructions on how to download and install the driver.