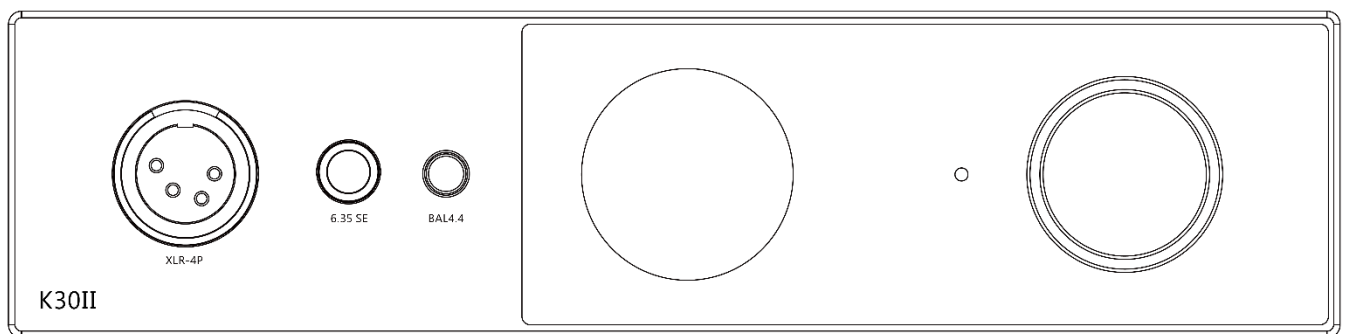


KGUSS

K30II



HIFI Headphone Amplifiers

User Manual

Attribute

Size: 200*178*50mm

Color: Silver

Weight: 1.5kg / Incl.packaging: 2.5 kg

Chip:

AK4493SEQ*2

XMOS XU316

QCC5.4 Bluetooth

Display: 1.28-inch LCD

Headphone Amplifier output:

6.35mm headphone output jack

4.4mm headphone output jack

4-PIN-XLR headphone output jack

Control: knob + remote control

Specifications

BT IN: SBC/AAC/aptX/aptX LL/aptX Adaptive/LDAC

USB IN: 44.1kHz-768kHz/16bit-32bit

DSD64-DSD512(Native)

COAX/OPT IN: 44.1kHz-192kHz/16bit-24bit

Output Impedance: $<0.2\Omega$

Peak output current: $>2.0A$

Output Power: (THD+N $<1\%$ Gain=H)

L+R 4800mW+4800mW(8Ω 4.4mm)

L+R 1500mW+1500mW(32Ω 6.35mm)

L+R 6000mW+6000mW(32Ω 4.4mm)

L+R 160mW+160mW(300Ω 6.35mm)

L+R 640mW+640mW(300Ω 4.4mm)

Line Output:

RCA:L+R=2.5Vrms+2.5Vrms(1kHz)

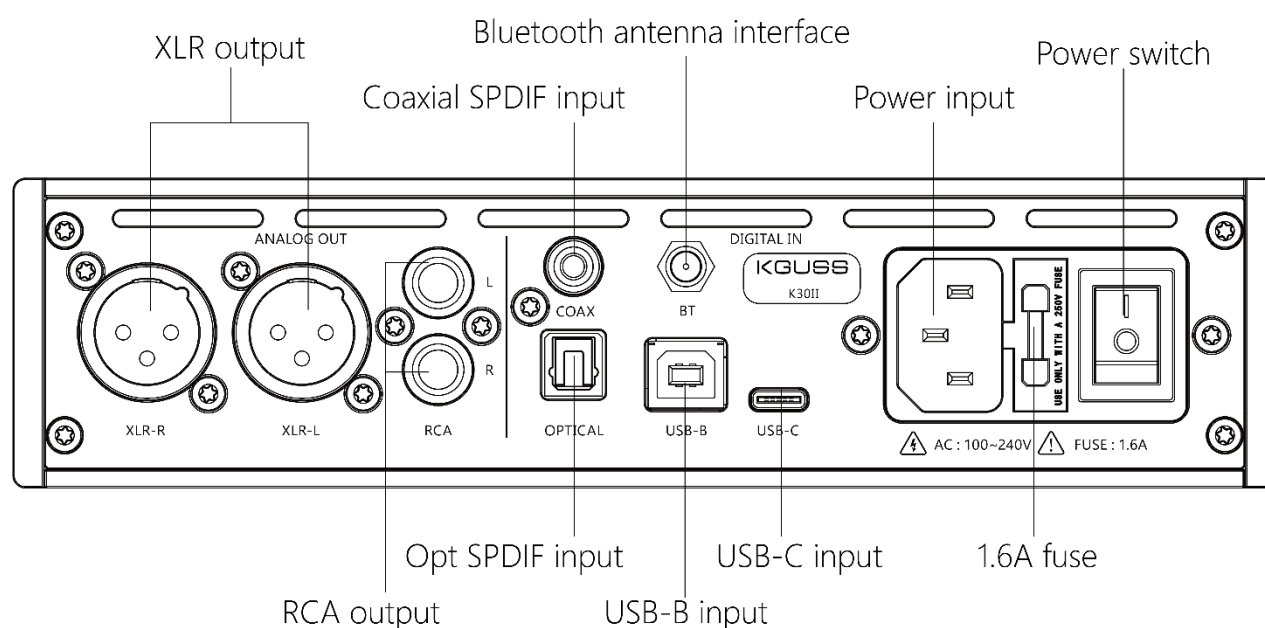
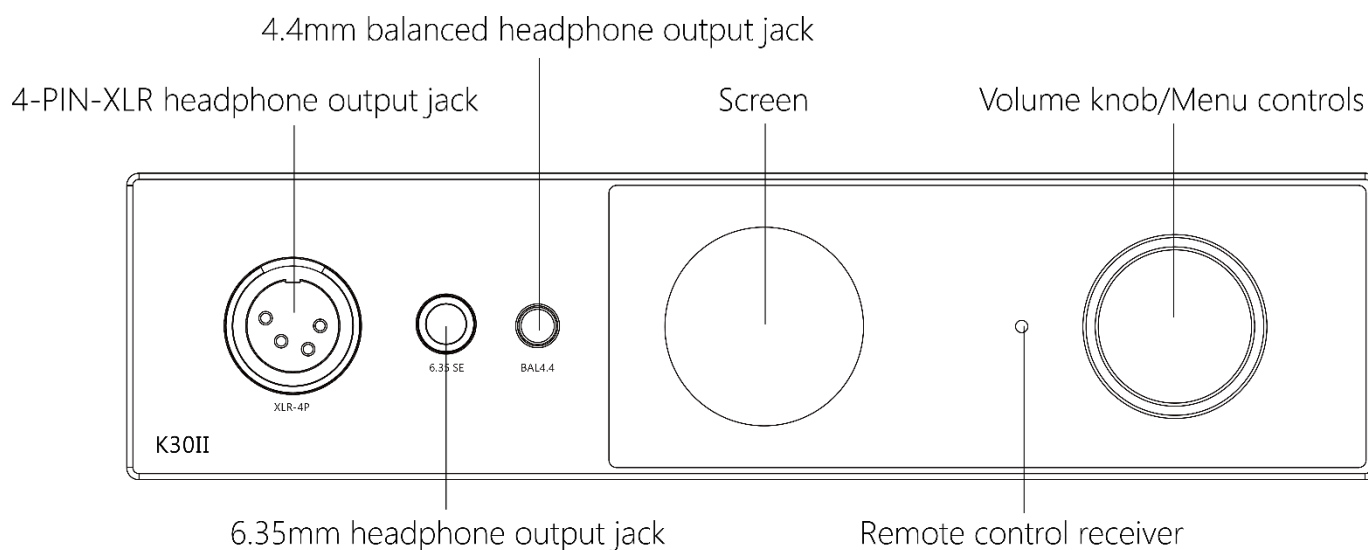
XLR:L+R=5Vrms+5Vrms(1kHz)

THD+N: $<0.00030\%$ (1kHz)

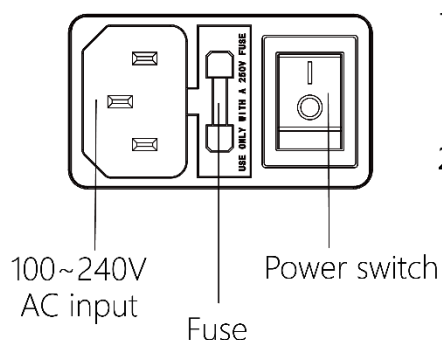
Frequency Response:20Hz~20kHz, $<-1dB$

Noise(A-wt): $<5\mu V$

Interfaces

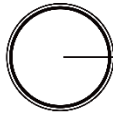


Power on & off



- 1. Wriing** Connect the power cord to the 220V port on the back of the unit (supports 100V–240V).
- 2. Power up** Press the switch; the symbol I indicates the power is on, and O indicates the power is off. Once the switch is turned on, the screen lights up, indicating a successful startup.

Operation

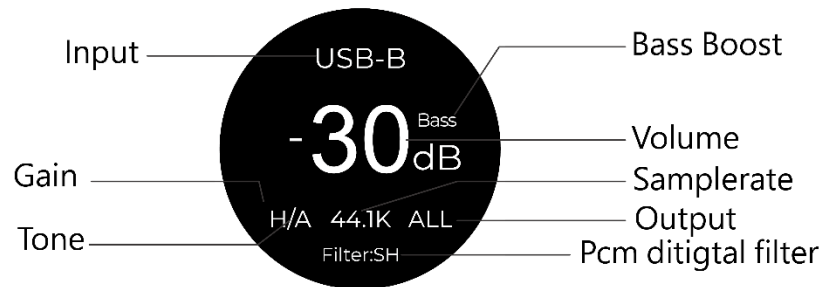


- Short press (Menu/Confirm)
- Long press (3–5 seconds) to power on/off
- Rotate clockwise: Volume + (Next option)
- Rotate counter-clockwise: Volume - (Previous option)

Short press to enter the first setting item; rotate clockwise for the next item, counter-clockwise for the previous item; click again to enter the next setting item.

Setting item selection: Main Display -> Input Selection -> Output Selection -> Sound Mode Toggle -> High/Low Gain Adjustment -> PCM Digital Filter Selection -> Bass Boost Adjustment -> Brightness Adjustment -> Auto-Power-Off Settings -> Main Display

Display



Setup Menu & Descriptions

Input Select

USB(C), USB(B), COA, OPT, BT



Short press the knob till screen display "In>", then rotate the knob to select the input mode. It will automatically return to main display after 3S of inactivity.

Output Select

All out:headphone + pre(default)
 DAC+Amp:headphone output only
 DAC+Pre:line output only
 Pure DAC:pure decoding output only



Short press the knob till screen display "Out>", then rotate the knob to select the output mode. It will automatically return to main display after 3S of inactivity.

Note:The volume for each output mode is independently adjustable; in Pure DAC mode, the volume is fixed at the maximum level and cannot be adjusted. please check your device's volume settings before playback. It is not recommended to connect headphones to the headphone jack while using PureDAC output.

Tuning Select

Mode A: Warm-leaning
Mode B: Cool-leaning



Short press the knob till screen display "Tone>", then rotate the knob to select the tuning mode. It will automatically return to main display after 3S of inactivity.

Gain Select

Low: Headphone amplifier
low-gain output
High: Headphone amplifier
high-gain output



Short press the knob till screen display "Gain>", then rotate the knob to select the HPA gain mode. It will automatically return to main display after 3S of inactivity.

PCM Filter Select

1. Sharp Roll-off
2. Slow Roll-off
3. Short Delay Sharp Roll-off
4. Short Delay Slow Roll-off
5. Super Slow Roll-off
6. Low Dispersion Short Delay



Short press the knob till screen display "Filter>", then rotate the knob to select the PCM digital filter. It will automatically return to main display after 3S of inactivity.

Bass Boost

Off, On



Short press the knob till screen display "Bass>", then rotate the knob to select the bass boost on or off. It will automatically return to main display after 3S of inactivity.

Brightness Adjust

1-5: Higher values indicate
higher brightness.



Short press the knob till screen display "Bri>", then rotate the knob to select the brightness level. It will automatically return to main display after 3S of inactivity.

Auto Sleep

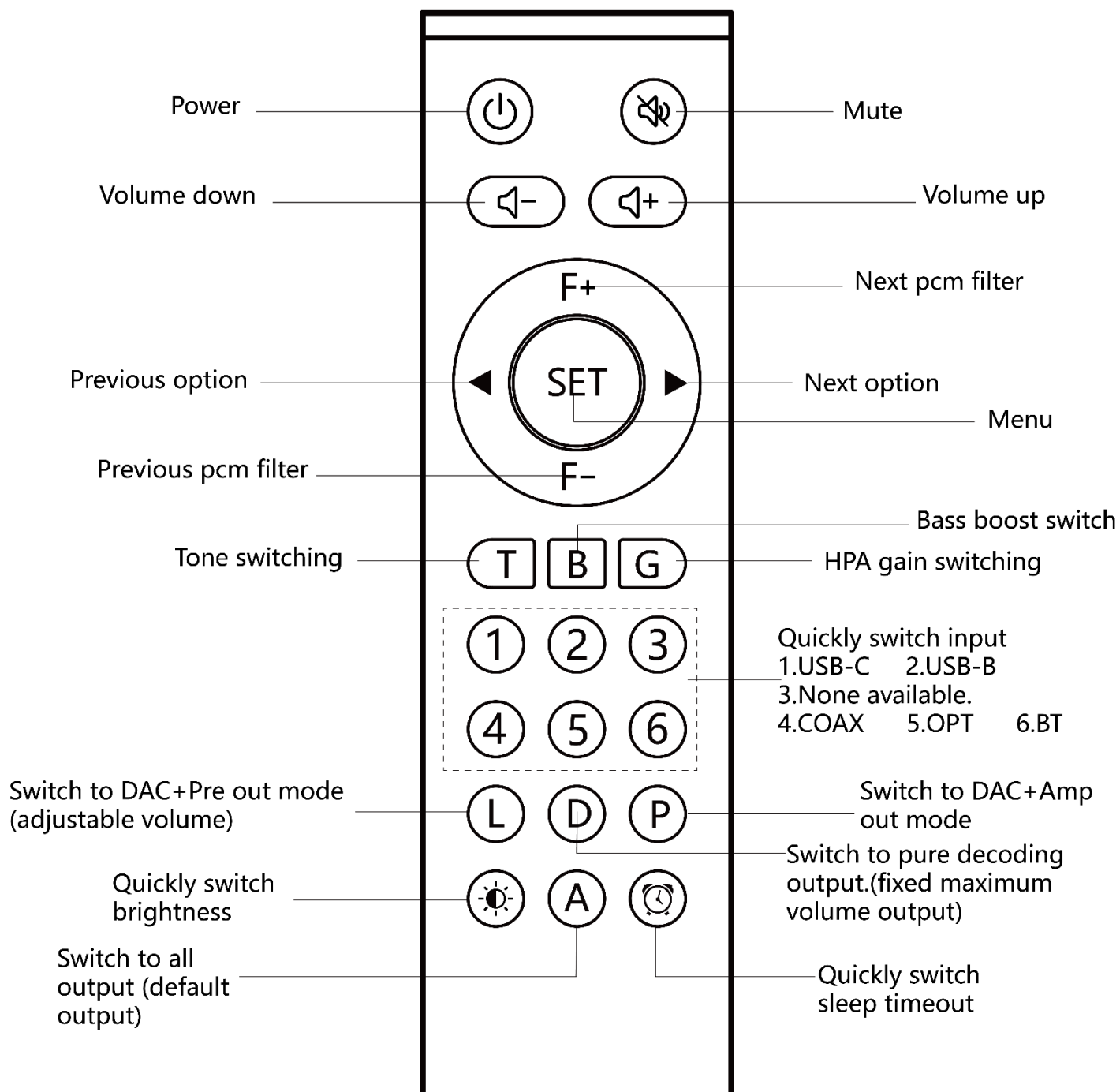
Off: Disable automatic sleep
15Min: Automatic sleep after 15
minutes without an audio signal
30Min: Automatic sleep after 30
minutes without an audio signal



Short press the knob till screen display "AutoSleep>", then rotate the knob to select the auto sleep mode. It will automatically return to main display after 3S of inactivity.

Note: All settings are automatically saved after 3 seconds of inactivity.

Remote control



Battery type: 2 x AAA batteries

Contents list

K30 II *1

AC cable *1

USB-A to B Cable *1

Remote control *1

Bluetooth antenna *1

FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

To maintain compliance with FCC'S RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.