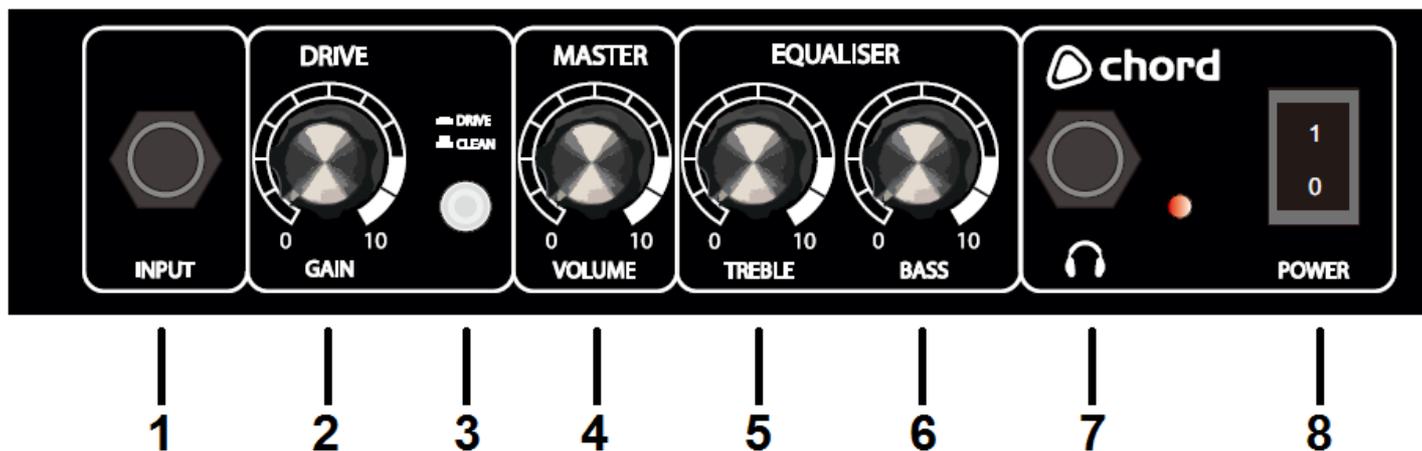


CAL63PK

10W GUITAR AMPLIFIER

User Manual

Layout



1. Guitar input
2. Gain control
3. Drive switch
4. Master volume control
5. Treble control
6. Bass control
7. Headphones output
8. Power switch

Setting up and operation

- Your CAL63 guitar is supplied with a guitar lead with a 6.3mm jack on each end
- Plug one end into the guitar jack socket and the other end into the guitar input on the amplifier (1)
- The guitar amplifier is supplied with IEC lead(s) for connecting to the mains
- Connect the IEC at the rear of the amplifier and the mains plug to an appropriate mains outlet
- Turn Gain (2) and Master volume (4) fully down with the Drive switch (3) in the out position (Clean)
- Set Treble and Bass controls (5, 6) to the 12 o'clock position (pointing upward)
- Switch the power on (8) and turn Gain (2) up halfway
- Play the guitar with volume and tone controls turned fully up and gradually increase Master volume
- Experiment with higher and lower Gain settings compared with Master volume settings
- The tone of the guitar can be changed by adjusting the Bass and Treble controls (5, 6)
- Pressing in the Drive switch (3) will give overdrive or distortion to the guitar signal
- Adjusting the Gain control will vary the amount of this effect
- If silent practice is preferred, plug headphones in via the 6.3mm socket, which will mute the speaker
- After use, turn down Master volume and switch off power. Unplug from mains when not in use for long periods

Specifications

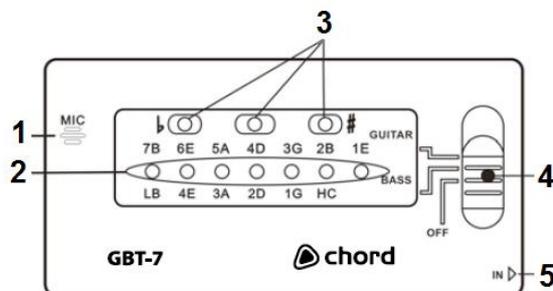
Power supply	230Vac, 50Hz (IEC) 18W
Output power	10Wrms
Dimensions	250 x 240 x 125mm
Weight	2.9kg

GBT-7

GUITAR / BASS TUNER

User Manual

Layout

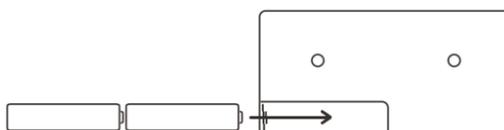


- | | |
|----------------------------------|----------------------|
| 1. Internal microphone | 4. Power/Mode switch |
| 2. Note indicators | 5. Guitar/Bass input |
| 3. Flat/In-tune/Sharp indicators | |

Note: Most guitars have 6 strings but some models have an additional low B (7 string)
 Most basses have 4 strings but some models have an additional low B (5 string) and even a high C (6 string)
 The GBT-7 has extended note range to handle these instruments in addition to standard types

Setting up

- The GBT-7 operates from 2 x AAA batteries.
- Slide open the rear battery cover and insert batteries as shown below



Operation

- For electric instruments, plug in a jack lead from the instrument to the Guitar/Bass input (5)
- Ensure that the instrument volume and tone controls are turned fully up
- For acoustic instruments, place the GBT-7 internal mic. (1) within listening distance of the instrument sound-hole
- Push the Power/Mode switch up to either Bass or Guitar setting, depending on the instrument to be tuned
- The green "In-tune" LED will flash until a note is played. Pluck a single string to activate the tuner
- When a sound is detected from the guitar or bass, the nearest note will be displayed on the Note indicators (2)
- Tune the string to tension until the correct note is displayed for that string
- When the correct note is displayed, use the Flat/In-tune/Sharp indicators to guide the tuning
- When the note is flat (*b*), tighten the tuner slightly, when the note is sharp (*#*), slacken it slightly
- Continue tuning adjustment until the green "in-tune" (>o<) LED is lit continually
- Switch off when not in use and remove batteries if not used for long periods of time

Specifications

Power supply	3Vdc (2 x AAA batteries)
Tuning modes	Guitar (6 or 7 string), Bass (4, 5 or 6 string)
Dimensions	96 x 50 x 17mm
Weight	34g (no battery)

*Errors and omissions excepted.
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