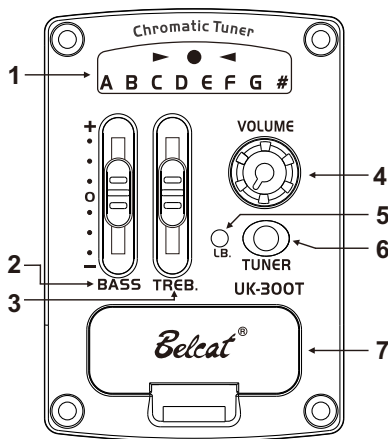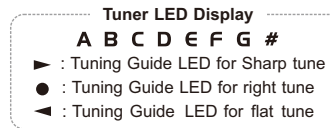# UK-300T USER'S MANUAL

2Band EQ with Chromatic LED tuner

1. Tuner LED Display
2. Bass
3. Treble
4. Volume Knob
5. Low Batt. (Low Battery LED Light)
6. Tuner on/off Button
7. Battery box

— 1 —

Functions

1. Tuner LED Display

Tuner LED Display
A B C D E F G #
► : Tuning Guide LED for Sharp tune
● : Tuning Guide LED for right tune
◄ : Tuning Guide LED for flat tune

2. Bass (for bass tones)

3. Treble (for high tones)
The BASS, TREBLE controls are a 3-band equalizer for controlling tone.

The center detent on these tone controls yields a flat tone response. "+12" boosts the tone; "12"cuts the tone.

4. Volume Knob
The VOLUME controls the output volume. At "0" it is completely OFF. At "10" it is loud.

5. Low Batt. (Low Battery LED Light)
The LED will light when the battery has lost power. Replace the battery when this light is on.
This LED light will flash when a cable is connected to the output jack of the pickup system. This shows the battery is good.

6. Tuner on/off Button
Power switch of built-in Chromatic LED tuner.
Automatic power off after 5 minutes

7. Battery box
2 X CR2032 Coin Battery

— 2 —

Specification

Features : 2Band EQ with Chromatic LED tuner

Input Impedance : 22 MΩ

Frequency Response : 20Hz ~ 20KHz

Control Range

Bass : +/-12dB at 100Hz

Treble : +/-12dB at 10KHz

Battery Status LED

Power Supply : 2 X CR2032 Coin Battery

Battery Life

Only Eq : Over 200Hours

Tuner on : Over 100Hours

Pick-up : Omega II Piezo Cable pick-up

Dimension : W 56mm X H 40mm (2.2" X 1.6")

— 3 —

Caution

- The jack should be pluged for proper Preamp working.
  (TUNER will works regardless pluging jack)
- There is no output sound, please check if tuner or mute is turned on.
- When LCD screen is dim or no display, please check battery life.
- To prevent battery loss, please unplug jack when preamp is not in use.
- Do not disassemble for repair.
  Return to your dealer for service or repair.
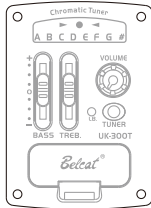- Do not use too much force when operating the control.

Belcat ®
BELCAT Co.,Ltd.
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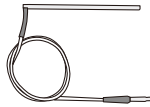
RoHS

— 4 —

INSTALLATION MANUAL

1. Contents

1. Preamp

2. Output Jack

3. Pick-Up

4. Clip

5. Screw

2. Tool

1. Electric Drill

2. Drill Bit
(2.3mm or 3mm and 12mm)

3. Phillips Screwdriver
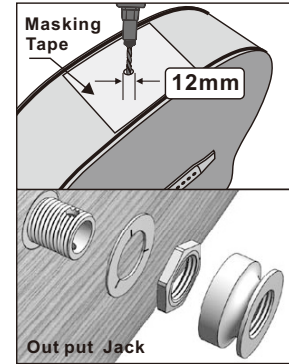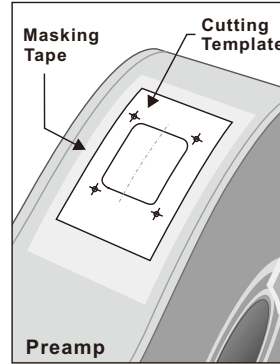
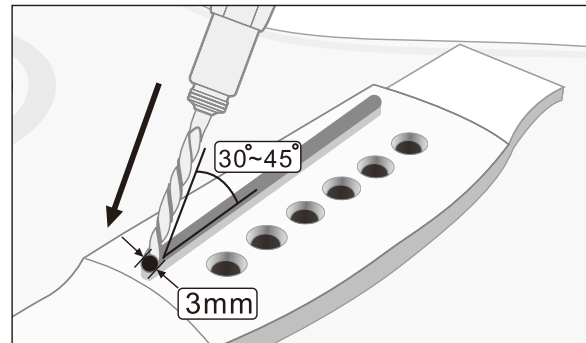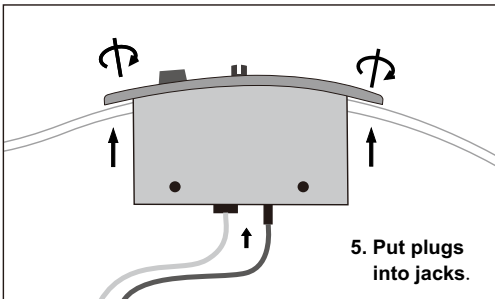**4. Router and Grinder**
(cutting-edge 3mm)

5. Round File

6. Masking Tape

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1. Cut out the hole with template

Masking Tape

Cutting Template

Masking Tape

12mm

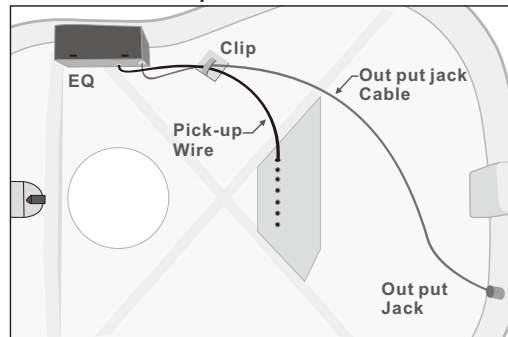Preamp

Out put Jack

2.Drilling hole for pick-up

30~45°

3mm

---

3. Insert EQ and battery box into hole of guitar.
4. Fasten screws properly.

5. Put plugs into jacks.

6.Installing the pick-up

Saddle

Pick-up wire

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7. Fix wire with clip.

Clip

EQ

Out put jack Cable

Pick-up Wire

Out put Jack
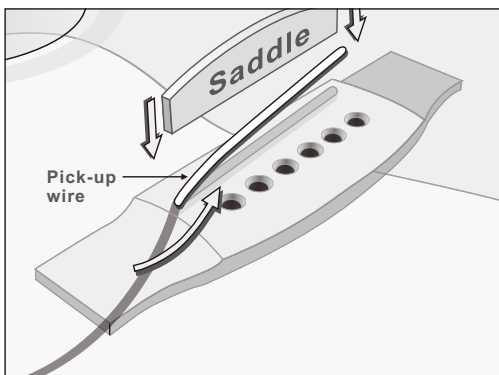
Solution

1) When there is no sound or sound is stopped,
- Check guitar cable, amp or Mixer
- Check if there is batter or not. When it happens noise or distortion, please exchange battery.
- Check if the pickup and battery connector is connected correctly or not.
- Check if out put jack is connected correctly.

2) When there is hum-noise,
- Check the pickup is connected well or not.
- Check if the connectors are connected to correct position well or not.

3) Some causes of the balance problem
- When the bottom of saddle or the groove of saddle is not flat.
- When saddle is installed to the groove of saddle loosly.
- When the connection is not good between the bottom of saddle and the groove of saddle.
- When Saddle is very short
- When there is grounds on the groove of saddle.
- When Saddle is declined toward front or back.
- When the top of guitar is bended.
- When the pickup is installed to only a part of the groove of saddle.

(back page)

Cutting Template

Print>Page Handling>Page Scaling
- ☑ None
- ○ Fit to print margins
- ○ Reduce to print margins

1. Print this file without scaling option.
2. Check the size with actual ruler.
3. Cut out the dotted line or desire model.
4. Adhere to location use double stick tape.
5. Cut follow solid line use cutter.

34.6mm

Ø2.0mm

Chromatic Tuner

► ● ◄

A B C D E F G #

VOLUME

+
0
−

BASS   TREB.

L.B.

TUNER

UK-300T

Belcat®

50.9mm

Preamp Opening