

**TONE POCKET** - HEADPHONE PRE AMP

**USER MANUAL**

# ASHDOWN TONE POCKET - HEADPHONE PRE AMP

## USER GUIDE

Weighing a small 272 grams, The Tone Pocket is our most compact amplifier to date and is designed for practice, home studio and stage applications - with practical features including a 3 band EQ, line input (to connect to your smart phone or music player) and a headphone output.

From the top, the Tone Pocket is the answer to all of your practice needs. Connect your music device via the line-in, plug in your bass and monitor through your headphones with a sound specially optimised for bass guitar. The Tone Pocket enhances the sound of your music delivered via your smart phone, offering more power with increased clarity and tone. The simple yet powerful rotary 3-band EQ controls the Bass, Mids & Highs, offering +/- 15dB on each band.

"Psst"... to get the truest Ashdown experience both in sound and style, we recommend using the Meters OV-1 over-ear headphones, equipped with a functional VU meter. Use 'TONEPOCKET18' at the checkout to get 20% discount on OV-1 Headphones.

The well-equipped rear panel of the Tone Pocket features a USB recording output for use with your favourite DAW, recorded with the truest digital conversion. When active, the USB socket also doubles as a charger for desktop use, keeping the unit charged via USB 5.1v - 2.1A.

The Tone Pocket is powered by a rechargeable 9v battery (which can be changed if required), providing approx. 8 hours playing time. The unit also comes supplied with its own 10v DC power supply (centre pin negative) for mains charging. An optional 12v power input for use with a 12v car socket (centre pin positive).

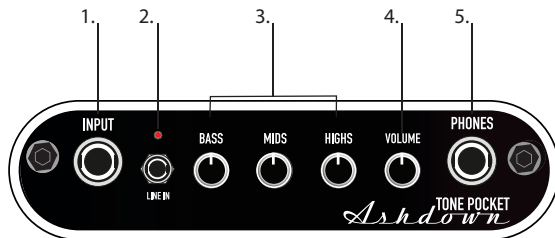
The Tone Pocket's balanced line output (on the rear) of the allows for connection to an amplifier or PA system.

Measuring in at 26mm (H) 108mm (W) and 95mm (D), The Tone Pocket fits perfectly in your back pocket, in your gig-bag or sat on your desktop. The Tone Pocket is constructed with a light weight black anodised alloy, ensuring durability and offering sleek looks with diamond polished detailing.

### **What's inside the box:**

- 1 x Tone Pocket in soft case
- 1 x USB to USB cable
- 1 x 10v power supply
- 1 x Pack of 4 self adhesive rubber feet
- 1 x 3.5mm jack to jack

### Front Panel:



### Front Panel:

- 1-** INPUT - Instrument input socket for use with Jack to Jack
- 2-** LINE IN - 3.5mm Jack socket for use connecting a line level audio device such as an MP3 player or alike...
- 3-** 3 BAND EQ - Rotary controls Bass, Mids & Highs, what more could you need +/- 15dB on each band.
- 4-** VOLUME - Rotary control master volume output level control.
- 5-** PHONES - 1/4" Headphone output socket for use with any quality headphones. We recommend Meters OV-1 Available directly via [ashdownmusic.com](http://ashdownmusic.com) USE: 'TONEPOCKET18' at checkout for a 20% discount on OV-1 headphones.

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### Rear Panel:

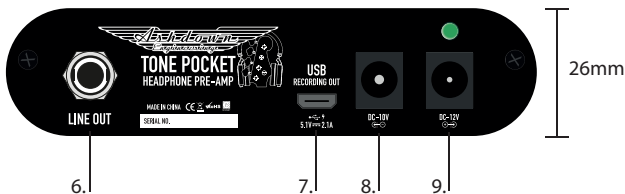
**6-**  
LINE OUT - Balanced line out

**7-**  
USB - Use the Tone Pocket as a sound card with its built in USB codec record and monitor your recordings on the go. Also keep it charged via USB 5.1v - 2.1A

**8-**  
DC 10v - Centre pin negative 10v power supply input for charging.

**9-**  
DC-12v - Centre pin positive 12v power supply input for use with in car charger or on a bus...

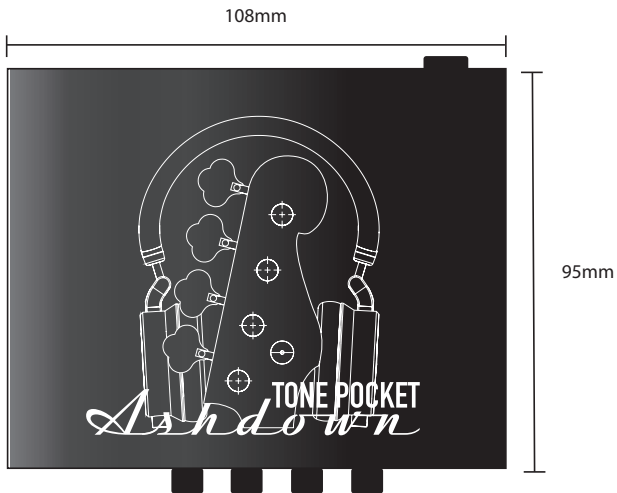
### Rear Panel:



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Top View:



### USB CODEC SPECIFICATIONS:

- Compliant with USB 2.0 Full Speed Operation
- 48K / 44.1KHz Sampling Rate for Both Playback and Recording
- Soft Mute Function
- Embedded High Performance 16-Bit Audio DAC
- Embedded 16-Bit ADC Input
- Embedded 5V to 3.3V Regulator for Single External 5V Operation
- Compatible with Win98 SE / Win ME / Win 2000 / Win XP and Mac OS9 / OS X without Additional Driver

### ELECTRICAL PARAMETERS:

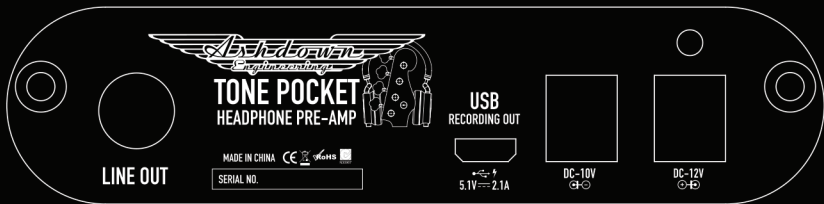
	Min	Typ	Max	Unit
DAC (10K Ohm Loading)				
Resolution	-	16	-	Bits
THD + N (-3dB)	-	-74.29	-	dB
SNR	-	93.6	-	dB
Silent SNR	-	98.2	-	dB
Dynamic range	-	93.8	-	dB
Frequency response 48KHz	20	-	20K	Hz
Frequency Response 44.1KHz	20	-	20K	Hz
Output Voltage (rms)	-	1.25	-	Vrms
Output Voltage Swing	0.5	-	4.0	V

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## ELECTRICAL PARAMETERS:

DAC (32 Ohm Loading)				
Resolution	-	16	-	Bits
THD + N (-3dB)	-	-71.1	-	dB
SNR	-	93.7	-	dB
Silent SNR	-	98.2	-	dB
Dynamic Range	-	93.8	-	dB
Frequency Response 48KHz	20	-	20K	Hz
Frequency Response 44.1KHz	20	-	20K	Hz
Output Voltage (rms)	-	1.25	-	Vrms
Output Voltage Swing	0.5	-	4.0	V
ADC				
Resolution	-	16	-	bit
THD + N (-3dB)	-	-76.1	-	dB
SNR	-	83.1	-	dB
Dynamic Range	-	81.6	-	dB
Frequency Response 48KHz	20	-	19.2K	Hz
Frequency Response 44.1KHz	20	-	17.6K	Hz
Input Range	0	-	2.88	Vpp
Amplification				
Volume Control Level	-45	-	0	dB
Volume Control Step	-	38	-	Steps
Microphone Input				
Boost Gain	-	+20	-	dB
Gain Adjustment Range	0	-	22.5	dB
Gain Adjustment Steps	-	16	-	Steps
Mixer Gain Adjustment	-33.0	-	12.0	dB
Mixer Gain Adjustment Steps	-	32	-	Steps



[WWW.ASHDOWNMUSIC.COM](http://WWW.ASHDOWNMUSIC.COM)