



**Que Audio**

**Complete Microphone Solutions**

## **Q DSLR-VIDEO PRO KIT**



## **Q SNIPER PRO KIT**



## **USER'S GUIDE**



ONLINE VIDEO MANUAL

[www.queaudio.com](http://www.queaudio.com)

Thank you for purchasing a **Que Audio PRO Microphone Kit**. Designed in Australia for DSLR, HD video, ENG, broadcast, theater, pro audio, and recording applications, **Q PRO MIC KITS** include all of the specific accessories for professional results.

Both the **DSLR-Video PRO Microphone Kit (VPK)** and **Sniper PRO Microphone Kit (SPK)** come with the **Mini Shotgun PRO** microphone and its common accessories. All items are numbered below, and maintain their numbering throughout this User's Guide for your convenience in getting acquainted with your **Q PRO MIC KIT**.

Additional "Video Manuals" can be found at [queaudio.com](http://queaudio.com). With a little knowledge and care, your **Q PRO MIC KIT** will deliver pro results, and loyal service for years to come.

### **Q DSLR-Video PRO Microphone Kit (VPK)**

for on-camera microphone sound capture

Includes:

1. QMSG-PRO Mini Shotgun PRO Microphone (1)
2. QWJ5 Windscreen (1)
3. QSM-PRO Shockmount (1)
4. QM1 Run and Gun Cold Shoe Adapter (1)
5. QSM4 Rubber Shock Absorber (1)
6. QWJ2 WOMBAT Fluffy Wind Muff (1)
7. DAAD TRL 3.5mm Adapter (1)
8. QCBL6 30cm Curly Cable (1)
9. QBA-PRO Rubber Bands for QSM-PRO (pack of 10)
10. AG4 1.5V Batteries (2)
- 11a. Leatherette Carry Case (1)

### **Q Sniper PRO Microphone Kit (SPK)**

for on-camera and location sound capture

Includes:

1. QMSG-PRO Mini Shotgun PRO Microphone (1)
2. QWJ5 Windscreen (1)
3. QSM-PRO Shockmount (1)
4. QM1 Run and Gun Cold Shoe Adapter (1)
5. QSM4 Rubber Shock Absorber (1)
6. QWJ2 WOMBAT Fluffy Wind Muff (1)
7. DAAD TRL 3.5mm Adapter (1)
8. QCBL6 30cm Curly Cable (1)
9. QBA-PRO Rubber Bands for QSM-PRO (pack of 10)
10. AG4 1.5V Batteries (2)
- 11b. Leatherette Carry Case (1)
12. **QMB1 Q Mini Boom Pole (1)**
13. **QB1 Q Boom Pole Base (1)**
14. **QAD3 phantom powered XLR adapter (1)**
15. **QCBL2 two meter Straight Cable (1)**



13. QB1 Boom Pole Base



(1.) Q MSG-PRO Mini Shotgun PRO Microphone shown with (3.) QSM-PRO shockmount and (4.) QM1 Run and Gun Shoe Adapter assembly for on-camera shooting.

2. QWJ5 windscreen for light wind



and movement.

6. QWJ2 Wombat Fluffy Wind Muff



for heavier wind.



3. QSM-PRO Shockmount



5. QSM4 Rubber Shock Absorber - use for extra insulation against resonance, handling noise, and camera noise by placing between the QSM-PRO shockmount and QM1 run and gun cold shoe. 1/4" 20 thread standard tripod screw connectors are used throughout. The QSM4 can also be used between the Q Mini Boom Pole and QSM-PRO shockmount - (SPK)



4. QM1 Run and Gun Shoe adapter

7. DAAD TRL 3.5mm Plug



8. QCBL6 30cm Curly Cable



5. QSM4 Rubber Shock Absorber



9. QBA-PRO Rubber Bands for QSM-PRO (pack of 10)



10. AG4 1.5V Batteries (2)



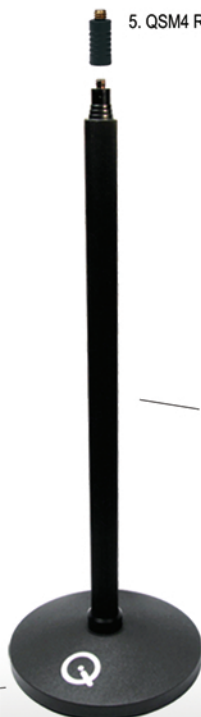
12. QMB1 Q Mini Boom Pole



14. QAD3 phantom powered XLR adapter



15. QCBL2 two meter Straight Cable



For CAMERA MOUNTING, ensure that the (3.) QSM-PRO Shockmount/Mic is positioned squarely with the (4.) QM1 Run and Gun Cold Shoe Adapter. If needed, use a combination of loosening the top ring on the QM1, aligning the shockmount, and tightening the top ring, for the desired position.

ADD the (5.) QSM4 Rubber Shock Absorber between the QM1 and the QSM-PRO for extra protection against resonance, handling noise, and camera noise. It also effectively can be used as an extension, raising the mic off the camera, and possibly out of the FOV of a wide lens.

TWIST ON the (7.) DAAD TRL 3.5mm plug to the (8.) QCBL6 30cm Curly Cable and tighten. TWIST ON and tighten the QMSG-PRO Mini Shotgun PRO microphone to the end of the cable.

ATTACH the microphone (assembly) to the camera's shoe mount and tighten down the lower QM1 ring. The QSM-PRO has lockable TILT and the QM1 works as a lockable PAN. This flexibility greatly enhances your on-camera mic positioning capabilities for maximizing audio results.

(SPK) Choose the cable/connector options for camera, (12.) Q Mini Boom Pole, or (13.) Q Boom Pole Base mounting for the desired application. Use the (15.) QCBL2 two meter Straight Cable when attaching the Q Mini Shotgun PRO and QSM-PRO Shockmount to the Q Mini Boom Pole. Velcro straps (not included) or tape can be used to hold the cable to the pole.

Set the ON/OFF switch to ON during operation. Switch to OFF during periods of non-use to conserve the batteries.

**GAIN SETTINGS** - The Mini Shotgun PRO's 0, 10, and 20dB, gain stages maximize the audio gain structure between the mic, and the camera/recorder/mixer, for professional results.

On a DSLR camera such as the Canon 5d MKII, select "20dB" on the Mini Shotgun PRO gain stage selector switch. Then in manual mode on the camera, use the input gain setting to throttle down the camera's input level all the way (off). Then turn up one click (on - lowest setting). This minimizes the noise from the 5d MKII's audio electronics, and lets the Q Mini Shotgun PRO's high gain circuit do all the work, for clear, clean, professional audio.

On a Canon 7d, with it's Auto Gain setting always on, we've found that the "10dB" setting on the Mini Shotgun PRO works best.

On a Nikon D800, we suggest the "20dB" setting on the Mini Shotgun PRO, with a setting of "5" on the D800 manual audio input as a starting point.

On a Panasonic Lumix GH2, select the 0dB setting on the Mini Shotgun PRO, and the lowest setting on the GH2 for most situations, and the 2nd to lowest setting in quieter situations.

For these and OTHER setups, we suggest testing out your particular camera or audio recording system to find which settings work best for your shoot, to get the best sounding audio. Feel free to email us with any questions or suggestions you may have at [sales@queaudiousa.com](mailto:sales@queaudiousa.com).

The (14) QAD3 Phantom Powered XLR adapter (comes with the SKP, available accessory) opens up the Mini Shotgun PRO to the world of advantages that come from pro balanced XLR. There are also Q adapters available for all the popular 3rd party wireless transmitters including Shure, Sennheiser, AT, AKG, Lectrosonics, Sony, and more.

The (1.) Q Mini Shotgun PRO handles light wind and air movement well without the windscreen, however, we suggest using the (2.) QWJ5 windscreen whenever shooting. In heavier wind (5 mph or above) use the (6.) QWJ2 Wombat Fluffy Wind Muff. Fully open its velcro straps, and then place the WOMBAT completely over the mic, shockmount, and shoe. Position the cable while fully closing all of the velcro straps. Insure the back is also closed snugly around the cable.

Installing/Replacing AG4 1.5V batteries. Carefully remove the shockmount, or move it forward, positioned over the shotgun barrel (see pic below). Then unscrew the "long barrel piece", from the "switches piece" to expose the battery compartment. Insert two new batteries with the head + side facing up (see diagram on mic for battery orientation). Carefully rethread the mic properly and tighten.





# Q ACCESSORIES



## QAD3

Phantom Powered XLR



## QM1

Run and Gun Cold Shoe



## QAD5

Extension Arms  
6cm - set of 2



## QM2

High Quality Cold Shoe  
w/ adjustable Ball Head



QAD4 T-Bar  
used to attach  
h4n to  
Q Mini  
Boom Pole



## QAD4 T-Bar



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## **Q Mini Shotgun PRO Specifications**

Capsule principle: Back electret

Frequency response: 50hz – 16khz

Polar Pattern: Line and gradient – Hypercardioid

Sensitivity: -46dB (0dB=1V/Pa at 1kHz)(-at switch 0)

Sound pressure level: (130 dB @1 kHz 1% T.H.D.)

Capsule impedance: 250Ω ± 30% (at 1KHz)

Power requirement: 3V battery/3V external DC

Battery type: 2 x AG4 1.5V button cell batteries

Battery life: approximately 200 hours of continuous use at 0dB  
depending on climate and battery conditions

Dimensions: Length- 193.2mm, Diameter- 13.2mm

Weight: 48g

\*Specification and designs subject to change without notice

### **Que Audio Warranty Description:**

Electronic or electrical components of all Que manufactured goods are supplied with a twelve (12) month repair or replacement warranty to the original end user only, and non electronic/electrical components are supplied with a twelve (12) month repair or replacement warranty to the original end user. Que Audio will fully inspect and evaluate all warranty claims on receipt of goods, and faulty goods will be repaired or replaced under warranty subject to approval by Que engineers.

Que Audio shall not be responsible for any damage whatsoever caused in the event that products are fitted or operated incorrectly, or if such products are in any way adapted to a use for which they are not intended, or subject to excessive force or climate conditions.

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**Look for and insist on the 'Q' seal of quality assurance!**