



## August 2018

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**1st August 7.30pm  
Wednesday Club Meeting  
30 Year Anniversary  
Cardiff RSL**

## September 2018

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**5th September 7.30pm  
Wednesday Club Meeting  
Open Competition  
Closing date for Competition**

### 2018 COMPETITIONS & FUNCTIONS

August 2018	30 year Anniversary Cardiff RSL Eastern Tiger Restaurant 7pm
September	Open Competition
November	Themed Competition 'Sock'

# *From the President's Desk*

**Just a Reminder NVM Membership renewals are due.**



A few reminders for August... no club meeting or competition this month. I'm sure you've seen the email from Mark Owens concerning our get together to celebrate our club's 30 year anniversary on Wednesday the 1st of August at the Cardiff RSL Club. (In the Eastern Tiger Restaurant—arriving at around 6.30 pm for a 7pm start.) I'm sure it'll be a lot of fun as we reminisce over our club's long and rich history and discuss some of the memorable films we've made over the years...

Also don't forget, Club membership fees are now due again...

Onto September now and entries for our Newcastle National Video Festival are closing soon. Once again we'll be showcasing the entries on the big screen at the Lakes Cinema. Let me tell you what a thrill it is to see your work in a Cinema and listen to the vibe that's coming from the audience - that's really something.

So how's your film making progressing? Have you made any short films recently or are you currently writing your new film or even preparing to shoot soon?

As we all know film making isn't for sissies - I mean it takes so much energy to make something worthwhile and to see it through to the completion of the project you really have to stick to your guns and believe in the story you have decided to make. I read a quote from Director Robert Rodriguez about mak-

ing short films that I liked: " I tell people keep making short films at home. Just keep cranking them out. Get better: get better at storytelling. It allows you to do what I did when I started out, which is make a ton of movies for nothing. And you get so much better at it after a while, you can write them and direct them and you know the structure. You just need to learn how to do it and you learn by doing."

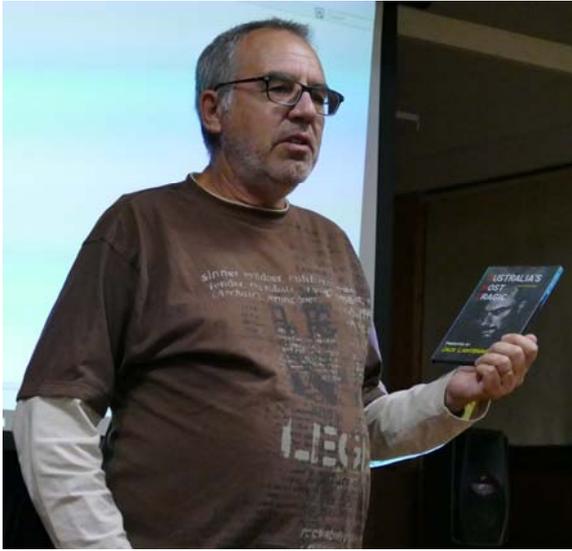
The other key ingredient for me is collaboration - it's just so hard to try to make movies by yourself - I know I attempt it all the time... To this end I'm about to have a crack at making another short film - 'Reverie' with the help of Robyn. And who knows how good it'll be but at least we're learning as we go and hopefully it'll be an interesting day at the location... Good luck to you all with your next film making project.

*Phillip Reynolds.*

## **DISCLAIMER**

In regard to products, services and/or procedures which are either advertised or mentioned in this magazine, members should determine for themselves the reliability and/or suitability of these products for their own particular requirements. Newcastle Video Moviemakers inc., cannot accept responsibility for any products or service statement made herein and the opinions or comments by contributors are not necessarily the views of the club, its committee, its members or the editor.

## Club Photos



Geoff Peel talks about his favourite shots in his movie "Australia's Most Tragic" entered into the 2010 48hr competition and how it won the audience appeal on the night in Sydney and the audience reaction to the little girls answer to fixing a problem



Ian Huish describes the shots in his film of Dolphins riding waves at Merewether beach amongst surfers



Col Marshall chairs NVM AGM for 2018-2019



Mark - displays some of his audio gear Zoom F4, FRC-8 and wireless equipment

## An Option if Microphone is Gain Hungry or your Recorder has Poor Gain

The purpose behind this product is to place between your microphone and your preamp that will amplify the signal it gives you more gain the signal coming from your microphone to your preamp will be louder than the same preamp setting without the device, it increases the gain, gain being the amount of signal that is making its way to your interface at the same preamp settings. What this means that say you increase the preamps on your audio recorder above a certain limit you start to introduce and audible hiss so if your microphone requires a lot of gain it means you have to turn your preamp all the way up and sometimes this will introduce this hiss so you need to turn down your preamplifiers down but then the signal becomes too quiet you can't turn it up because you reintroduce the noise into the recording so this is where the TritonAudio-Fethead is used.

## The TritonAudioFethead and the TritonAudioFaehead Phantom,

The only difference between the two units is that the one allows for phantom power to reach the microphone

## TRITON AUDIO FetHead Phantom In-Line Microphone Preamp



## Preamp for condenser microphones

FetHead Phantom is a low-noise, high quality, in-line microphone preamplifier. It provides improved sound for condenser microphones. The electronics are housed in a robust metal chassis with a balanced 3-pole female XLR input and a balanced 3-pole male XLR output, rugged enough for use at home, in the studio or on tour.

### Which microphones benefit

FetHead Phantom is a FetHead version specially designed for condenser microphones. It works very well with all condenser microphones. FetHead Phantom is also an indispensable tool for mobile recording and a real upgrade for camera microphone preamps, because it lowers the noise floor.

### Phantom power distribution

FetHead's Phantom circuit uses 48v phantom power but also passes it on from its input to the microphone, so the condenser mic is powered with the same phantom power.

### Product Highlights

- For Condenser Microphones
  - Low-Noise Class-A JFet Amplifier
  - Double Single-Ended Amplifier Topology
  - Input Pins with 28-48V Phantom Power
  - Balanced Output with High Headroom
  - Ultra-Low-noise Class-A JFet amplifier
  - 18dB amplification (@3k Ohm load)
- Double single-ended amplifier topology

## TRITON AUDIO FetHead In-Line Microphone Preamp



### COPYRIGHT

All articles and photos appearing in this magazine are subject to Copyright and may not be reproduced in whole or part without the author's consent. Enquiries regarding permission should in the first instance be directed to the Editor, Newcastle Video Moviemakers Inc.

## Boost your microphone

FetHead is a low-noise, high quality, in-line microphone preamplifier. It provides improved sound for Ribbon and Dynamic microphones. The electronics are housed in a robust metal chassis with a balanced 3-pole female XLR input and a balanced 3-pole male XLR output, rugged enough for use at home, in the studio or on tour.

### Which microphones benefit

In short, we noticed an improvement on all tested microphones. A Shure SM57 for instance, sounds more responsive over a broader frequency range. When mated with a high-end dynamic microphone like a Sennheiser MD441, or Shure SM7 FetHead really shines. Ribbon microphones benefit greatly too because of a much better impedance match, which lessens the load on the microphone, giving it better transient response characteristics. FetHeads high quality, low noise signal amplification also extends the usable range of a ribbon microphone, making it more suitable for recording softer passages.

### Protects the microphone

Some ribbon microphones do not tolerate phantom power. FetHead's circuit uses 48v phantom power but shields it from the microphone, so the microphone is protected

Product Highlights

- Ultra-low noise Class A JFet amplifier
- 27dB amplification (@3 KOhm load)
- 4 matched jFets
- Z-in 22KOhm
- 24-48V Phantom Power
- For Ribbon & Dynamic microphones

### What is exactly the difference between:

1. Boosting a mic with your preamp
2. Putting a FetHead before your preamp and then boosting again.

I mean isn't the FetHead just a preamp with +20db gain?

I can't get my head round why isn't it just possible to Boost the mic by +20db with your pre-amp. Wouldn't it be the same +20db as that from a FetHead?

And ok so if you put a FetHead before your preamp you will Boost already boosted signal, but why is this different (better?) than just using your preamp and turning to +40 or basically "adding" 20db gain on your pre?

I can only envisage that it's useful for "bad" preamps that get noisy say at a given stage. So, you replace the missing/noisy extra 20db with those from the FetHead, is that it?

But if your preamp is good, having +60 on it isn't it the same as having it at +40 with the Fetheads +20??

### Answer:

Generally, the noisiest part of most preamps is at max gain settings. With a quiet source, low output mic, if you compare 60dB of gain from a preamp against 40dB of gain from the same preamp and 20dB added from the FetHead, you'll find the latter quieter. And often more desirable as the pre-is not driving as hard. Not to mention on some mic / pre-combinations on certain sources (say delicate fingerpicked acoustic guitar), there just isn't enough gain to get a decent signal to tape without the FetHead. It's all about the sound and getting to the finish line sounding like you want it to

### Will it offer improved sound quality?

Not directly. However, if this is used as a tool which allows you to adjust your gain volume, distance from the mic and other aspects of recording, it can definitely lead to better quality recordings overall. For example, I can now record at further distances and hold my mic in different ways without being inaudible.

### Does the FetHead eliminate white noise?

No, but it is greatly mitigated. Any white noise created by your interface will not be magically solved. However, it does give you the ability to record at Less than 50% gain audibly so that white noise is not an issue. If you want to go to the louder end of the gain spectrum the FetHead will amplify some of that noise too in addition to your voice.

<http://tritonaudio.com/>

<https://www.gearslutz.com/board/so-much-gear-so-little-time/831822-triton-audio-fethead-question-understanding-gain.html>

<https://www.youtube.com/watch?v=VICIZ60NCfk>

<p>Fridge Magnets</p>  <p>Trophies</p>	<p><b>Accolades</b></p> <p>AWARDS &amp; MEDALS CUSTOMISED PROMOTIONAL ITEMS</p> <p>mike@maitland.bmr.com.au Unit 5/6 Johnson St Maitland 2320</p> <p>Beer coolers Deliver all Over Ph/Fax (02) 49324982</p> <p>www.maitland.bmr.com.au/accolades</p>	<p>Pens</p>  <p>Coffee Cups</p>  <p>Name badges</p> 	<p><b>Accolades</b></p> <p>AWARDS &amp; MEDALS CUSTOMISED PROMOTIONAL ITEMS</p> <p>Unit 5/6 Johnson St Maitland. 2320.</p> <p>TROPHIES PLAQUES MEDALS FRIDGE MAGNETS MUGS NAME BADGES T-SHIRTS PENS STUBBIE HOLDERS KEYRINGS</p> <p>mike@maitland.bmr.com.au www.maitland.bmr.com.au/accolades PH/FAX: (02) 4932 4982</p>
---	--	---	---

**CLUB MEETINGS**

**WHEN:** The first Wednesday of each month at 7.30pm.  
**WHERE:** Jesmond Neighbourhood Centre      44 Mordue Parade Jesmond

**CORRESPONDENCE TO:**  
 The Secretary,  
 NEWCASTLE VIDEO MOVIE  
 MAKERS Inc  
 PO Box 67 ADAMSTOWN NSW 2289

**Committee meetings:** These are held on the Tuesday following the club meeting each month at a committee member's home in rotation. All members are welcome to attend, however a courtesy call to the committee member concerned would be appreciated.

Contact us Email: [contact@nvm.org.au](mailto:contact@nvm.org.au)

Location of  
NVM Club room

44 Mordue Pd  
Jesmond  
Neighbourhood  
Centre

