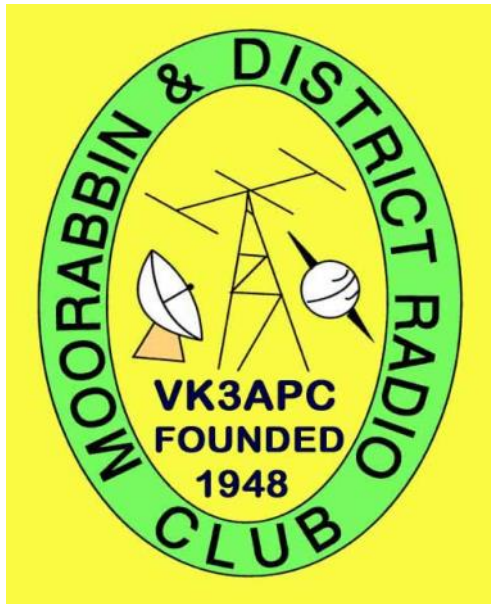
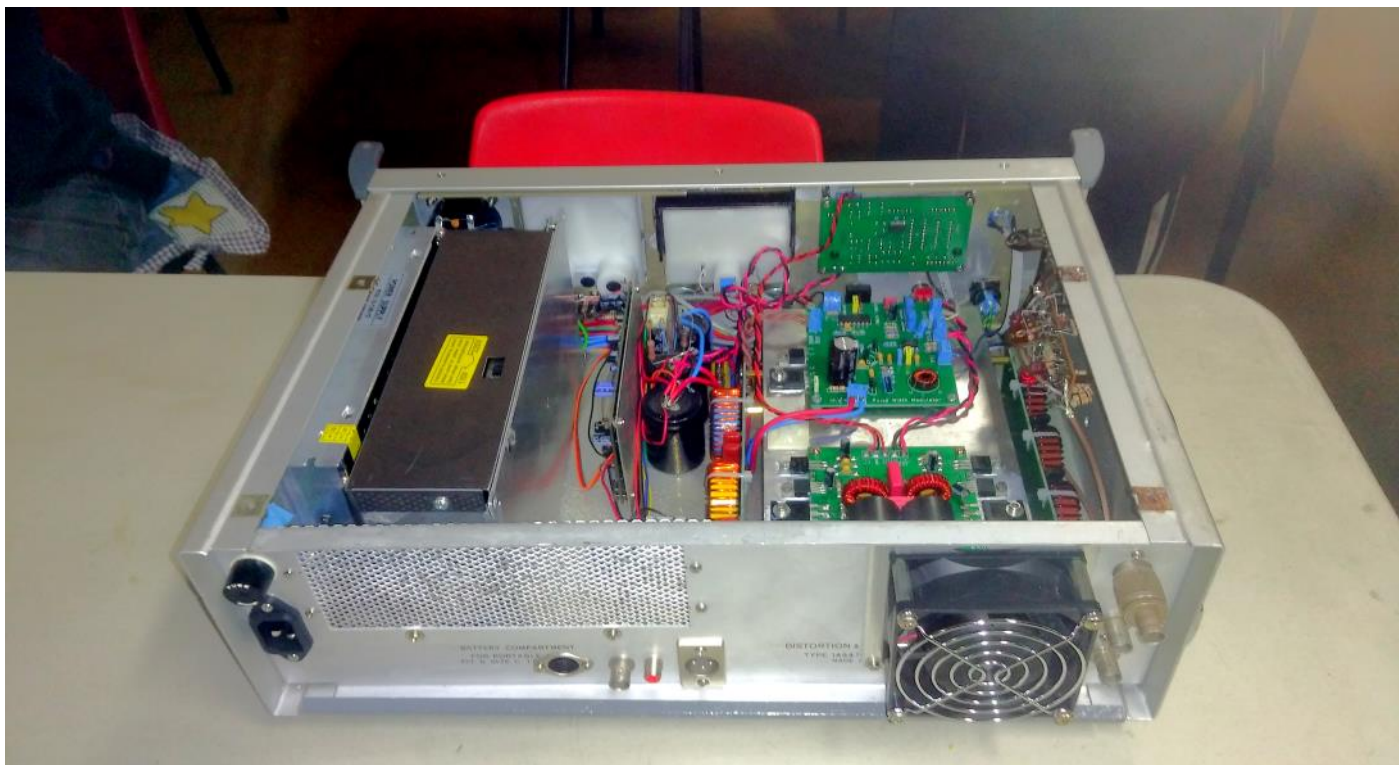


APC NEWS



**70th Anniversary
Year**

**Advance
information on
our Anniversary
Dinner**



What is this? Members of the Tuesday group know, others will have to wait until our November talk by Ian VK3IX.

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QTC

In this issue you will find preliminary information on our Anniversary Dinner. Invitations will be emailed out when details are finalised. Please book early as the seating will be limited.

I should have announced the burning of our library books last time as I've received naught feedback on it's purpose and focus. It's logical to assume no-one cares and we might as well burn them and make space for something else. Actually we should sell it off at the next hamfest as burning old books and magazines is hard to do legally.

As you can see by articles in this issue two members have been hard at work constructing stuff, Roger VK3KYY and Ian VK3IX. Is everybody else still hibernating?

Finally if you have some good pictures from past M&DRC days or an anecdote or two, please pass them on to Ken VK3KIM. We can arrange to scan pics at the Club rooms so they are not out of your sight and can't be lost. Just ask.

73
Ron
VK3AFW,
APC News Editor.

COMING UP

| | |
|--|---|
| <p>12th October, Friday 7:45 for 8:00 PM Antenna Analyzers by Terry VK3XI and Ron VK3AFW. Some theory, some show and tell.</p> | <p>13th 14th October CW section of Oceana DX Contest. 14th October Yarra Valley ARC Hamfest 21st, 22nd October JOTA 27th October 28th October. The Australian National Aviation Museum is holding an Open Cockpit Weekend on 10:00 AM to 5 PM. 28th Ballarat ARG Hamvention.</p> |
| <p>9th November, Friday 7:45 for 8:00 PM A modern 110 W AM transmitter for 160 m. Ian VK3IX.</p> | <p>Saturday 3rd November. Melbourne QRP by the Bay at 3pm. See https://www.facebook.com/events/303952017064931/ 11th November VI6PAX Armistice Day Centenary plus week before and after. 18th SPARC Radio fest.</p> |
| <p>15th December, Saturday, 12:00 for 12:30 M&DRC 70th Anniversary luncheon</p> | |

Updated 9th October 2018

SEPTEMBER MEETING

A DMR Mini repeater

Roger VK3KYY

Roger VK3KYY has an interest in all things digital that are associated with amateur radio. At our September meeting he demonstrated one of his recent constructions.

There are many situations when a hand held radio won't be heard by the local repeater, so what to do? Well if you have a DMR radio as Roger has you can buy some bits off E-bay, write some software and there you have a local repeater that connects to the world via the internet.

The system has transmit and receive frequencies in the 70 cm band with the usual offset transmitter power is around 10 mW which is sufficient for the average hand held radio to receive over the biggest back yard, and down the street a bit.

The received DMR signal is processed and sent over the internet to an appropriate gateway and the signal emerges on air for another hand held radio (or mobile or home station) user to respond to.

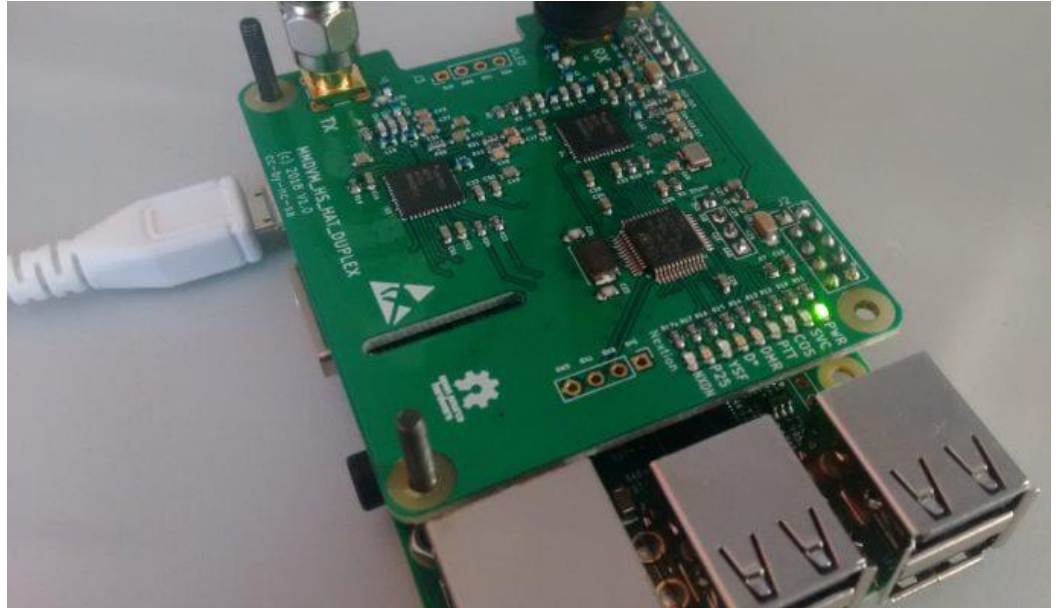
Roger's personal DMR mini repeater is an AR version of a Hotspot making use of standard DMR radios.

SEPTEMBER MEETING cont'd



Above: Roger at the beach where he could use his repeater if internet connectivity was available.

Right: A view of the hardware



For a detailed description of the system go to: <http://www.rogerclark.net/dmr-mmdvm-duplex-hotspot/>

Roger gave a demonstration in which he made contact with two UK amateurs, one using the same mini repeater and the other a handheld via the local DMR repeater. A very neat bit of system engineering.

2018 Family Open Cockpit Weekend



A Beaufighter of the RAF on patrol. Note the similar silhouette of the later Gloucester Meteor, the RAF's first jet fighter. The ANAM has an Australian built Beaufighter on display.

The Australian National Aviation Museum is holding an Open Cockpit Weekend on 27 October 2018, 28 October 2018 10:00 AM to 5 PM

The Museum is located at 2 First Street, Moorabbin Airport Victoria 3194

This is the weekend where the Australian National Aviation Museum opens all the cockpits to aircraft it safely can for public access, including for the first time the recently received and restored Sabre Jet Fighter A94-910. Also at the Museum over the weekend will be a petting farm for little children, additional cockpits, BBQ food, coffee and a couple of surprises.

M&DRC 70th ANNIVERSARY LUNCHEON

ADVANCE NOTICE

The M&DRC was founded in 1948 and this year marks the 70th anniversary.

We are celebrating this with a luncheon on
Saturday, 15th December at the Bentleigh Club
Yawla St., Bentleigh, Victoria
at 12:00 noon for 12:30 PM.

A formal invitation will be issued once the committee has finalised arrangements. Members and past members will be advised by email and via the web site.

There will be a slide show plus presentations by the President Lee Moyle VK3GK and the Secretary Ken Millis VK3KIM.

The luncheon will comprise a three course meal with linen and table service in a private room. There will be a limited amount of complimentary drinks on each table provided by the Club. Additional drinks will be available from the bar at Bistro prices.

Members are welcome to bring a friend; past members are also welcome.

Note: It is not intended to have a Christmas Party this year as it would be on the evening before the Luncheon. You can have too much of a good thing.

TRADE DISCOUNTS

FOR CLUB MEMBERS at ALTRONICS and JAYCAR.

Moorabbin and District Radio Club Inc. members can now buy over the counter at **Trade prices** from both **Altronics and Jaycar**. When making a purchase ask for **Trade Discount** and for **Altronics** quote the Club's Trade account number **32323** and your **call sign** or for **Jaycar** quote Customer Number **45400209**. **This is NOT a charge account so you use your money.**
Note: Minimum purchase of \$20 may apply.

Check out these companies at their websites.



<http://www.altronics.com.au>



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