



All Access

A newsletter for members and friends of ARNSW, facilitating access to all areas of Amateur Radio.

ARNSW is an affiliate of the WIA.

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Editorial

Last edition of *All Access* we forecast some return to normality with regards to the pandemic. Couldn't have been more wrong! At the time of writing we are in the third week of what looks like being a lengthy lock down. Hope you are all keeping safe.

We had forecast a members open day at Dural. Without our normal T and T days there has been minimal opportunity to get together. The open day was to be a circuit breaker for all those who had experienced lockdown. But, it wasn't to be. We had barely announced the day when another lockdown was announced. We will get to have our open day once conditions normalise. Keep your fingers crossed.

Please listen to the Sunday Broadcasts and watch forthcoming issues of *All Access* for further information. And, please heed government warnings and advice on health matters.

Ray – VK2ASE

Trash and Treasure

Trash and Treasure sales continue but in the new format. You may peruse the equipment list below, which represents some of the equipment ARNSW has for sale, and make arrangement to view the offering or make an offer. Most can be posted but some are too large or heavy for postage. Of course, visits to Dural cannot occur until the current lockdown has been lifted.

Pickup is by arrangement so as to keep the number of visitors to a minimum for Covid-19 safety. We could not accommodate the usual crowds that gather in the show room. Also, to meet Covid-19 tracking requirements, visitors will be asked to complete a self-declaration form and sign the visitors book.

Please email disposals@arnsw.org.au to arrange a site visit or to inquire on any item.

All the equipment for sale below is working and in good condition unless otherwise noted.

Antenna Tuners and power meters

MFJ 813 QRP power meter 0-5W power 0.1W to 50W SWR 1.8-50MHz	\$30
Daiwa SW-410 SWR and power meter 140 to 450MHz	\$50
Tokyo HyPower Labs HC-500A 500W HF manual antenna tuner fair condition in that the case is poor condition and need repainting otherwise OK	\$50
MFJ 949 Antenna tuner	\$75.

Power Amplifiers

RM Italy HLA-150 HF 5W to 100W amplifier with low pass filters	\$500
NEC TV transmitter 70cm 300W with spare PCB Working	\$100
VK3ZL 6m 400W Valve Power Amplifier complete Untested	\$300
VK3ZL 6 and 2m power amplifier kit incomplete	\$100

Power supplies

NEC 24V 50A ex TV transmitter power supply	\$100
50V 40A high quality commercial switching power supply	\$75
Loadstar PS305 dual 30V 5A DC power supply	\$100
HP 6202A 40V 0.75A DC power supply	\$25
BWD 272 20V 2A and 50V 1A power supply	\$50
0-240V Variac 500W with AC voltmeter	\$100
0-240V Variac 500W with AC voltmeter	\$100
0-260V Variac 500W.	\$100

Coaxial Relays

Note 24V and 28V relays can be supplied with a 12V to 24V boost converter.

DowKey 401-390832-1 10V SMA SPDT	\$40.00
DowKey 401-390832-1 10V SMA SPDT	\$40.00
DowKey 77-133 24V TNC SPDT	\$20.00
DowKey 77-133 24V TNC SPDT	\$20.00
DowKey 77-133 24V TNC SPDT	\$20.00
DowKey 77-133 24V TNC SPDT	\$20.00
DowKey 61-2202 12V BNC SPDT	\$30.00
DowKey 260-230244 24V BNC dual SPDT relay BNC	\$40.00
Amphenol 360-11890-16 24V SPDT 3 x N connectors	\$40.00
DowKey 401J-320832-1 12V latching with contacts SPDT SMA 18GHz	\$30.00
Ducommun 2SE1T11JB 12V latching SMA relay 26.5GHz	\$40.00

Bird 43 power meter elements one of each

1000W

1000P 0.45 to 2.5MHz \$75.00

1000E 400 to 1000MHz \$75.00

2500B 2.5kW 50 to 125MHz \$75.00

50C 50W 100 to 250MHz \$75.00

5B 5W 50-125MHz \$50.00

5C 5W 100 to 250MHz \$50.00

5D 5W 200 to 500MHz \$50

5E 5W 400 to 1000MHz \$50

10M 10W 2.2 to 2.3GHz \$25

Test Equipment

National BN-500UBE 500V Insulation Test Set 6 x AA batteries Hand Held \$25

HP 411A RF voltmeter 500kHz to 500MHz with accessory kit \$65

HP 4815A Vector Impedance Meter with probe \$200

HP Swept Amplitude Analyser plugin for HP 853 or 182 mainframe HP8755C with 2x 11664A detectors -50 to +10dBm to 18GHz Includes the HP8750 store and normaliser with cable \$100.00

HP 11692D dual directional coupler 22dB 2 to 18GHz \$50.00

HP 3406 sampling voltmeter 1mV to 3V to 1.2GHz \$100.00

Trio SG402 100kHz to 30MHz RF signal generator \$50

DSE Q-1312 RF signal generator 100kHz to 150MHz \$50

HP 432 18GHz low power < 30mW microwave power meter \$100.

Kathrein MUK-11 HF MV meter 25mV fullscale to 10V fullscale 100KHz to 1.2GHz. \$50

HP 250B RX meter for measuring inductance and capacitance to 250MHz \$50 (collect only)

Oscilloscopes

Tektronix 7834 400MHz 4 compartment main frame with 2 x 7A26 180MHz dual channel vertical amplifiers, 1 x 7B85 timebase and 1x 7B80 time base. \$100 (collect only).

Tektronix 7603 115MHz 3 compartment mainframe with 1 x 7A18 and 1 X 7A19 vertical amplifiers and a 7B53 timebase. This make an 80MHz oscilloscope with delayed timebase.

\$75 (Collect only).

Teltronix 7403 65MHz mainframe with 2 x 7A19 vertical amplifiers and 7B50 timebase. This makes a 2 channel 50MHz oscilloscope. \$50 (collect only)

Tektronix 7CT1 low power curve tracer plugin to suit any of the 7000 series oscilloscopes. \$50.

BWD 881 Power scope. High voltage tolerant inputs for measuring mains equipment. With a full set of probes and external battery supply (will require new 12V 7Ah SLA batteries) \$100.

All Access is a newsletter published by Amateur Radio New South Wales (ARNSW) for distribution to members and friends of ARNSW. If you wish to comment on any item published or, perhaps, suggest further matters for publication, please contact the editor, Ray – VK2ASE by email at editor@arnsw.org.au or post to Editor, ARNSW, PO Box 6044, Dural DC, 2158.

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Microwave equipment.

ID Elektronik D24-04-12 23cm interdigital filter 1296MHz	\$75
HP 423A Crystal Detector with matching load resistor	\$30
30w 10db 4GHz attenuator	\$30.00
Rojone AMA-1250-10-1W 10dB directional coupler 200W N connectors	\$75
Rojone AMA-2250-3M 3 way power divider 100W N connectors	\$25
Mini-Circuits ZFDC-20-C 100MHz to 2GHz 20dB Directional Coupler SMA with 2 x N adaptor low power	\$75.00
2.4GHz Bandpass filters tunable 2.0GHz to 2.5GHz SMA	\$20
2.4GHz Bandpass filters tunable 2.0GHz to 2.5GHz SMA	\$20
2.4GHz+B113 two stage amplifier +22dBm output 12V SMA 12V	\$10
2.4GHz 1 stage amplifier +17dBm output SMA 12V	\$10
RF Splitter 2 way low power SMA 1-3GHz	\$15
2 stage low noise amplifier 1.6GHz (GPS) SMA +/-10V	\$15
SG Labs 13cm Transverter	\$50
HP 11692D dual directional coupler 22dB 2 to 18GHz	\$50
HP 394A 1000 to 2000 MHz 6 to 120dB. Samples the through connection and provides an attenuated output. Through connection rated to 200W	\$25
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Microwave Diode Detectors

HP447B Detector N connector 1.8MHz to 18GHz	\$25.00
HP 8470A Detector N connector to 18GHz	\$25.00
FXR N210A Diode holder with 1N23 diode 1MHz to 10GHz	\$15.00
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FXR N210A Diode holder with 1N23 diode 1MHz to 10GHz	\$15.00

Connectors

Andrews L44AW coaxial connector x 5	\$25 each
Andrews F4PNM coaxial connector x 2	\$25 each
Andrews L4PNM-RC coaxial connector x 8	\$25 each
Andrews L4NM-C coaxial connector x 1	\$25 each
Andrews L44N coaxial connector x 2	\$25 each

Mark – VK2XOF

Until next issue,
73, Ray – VK2ASE