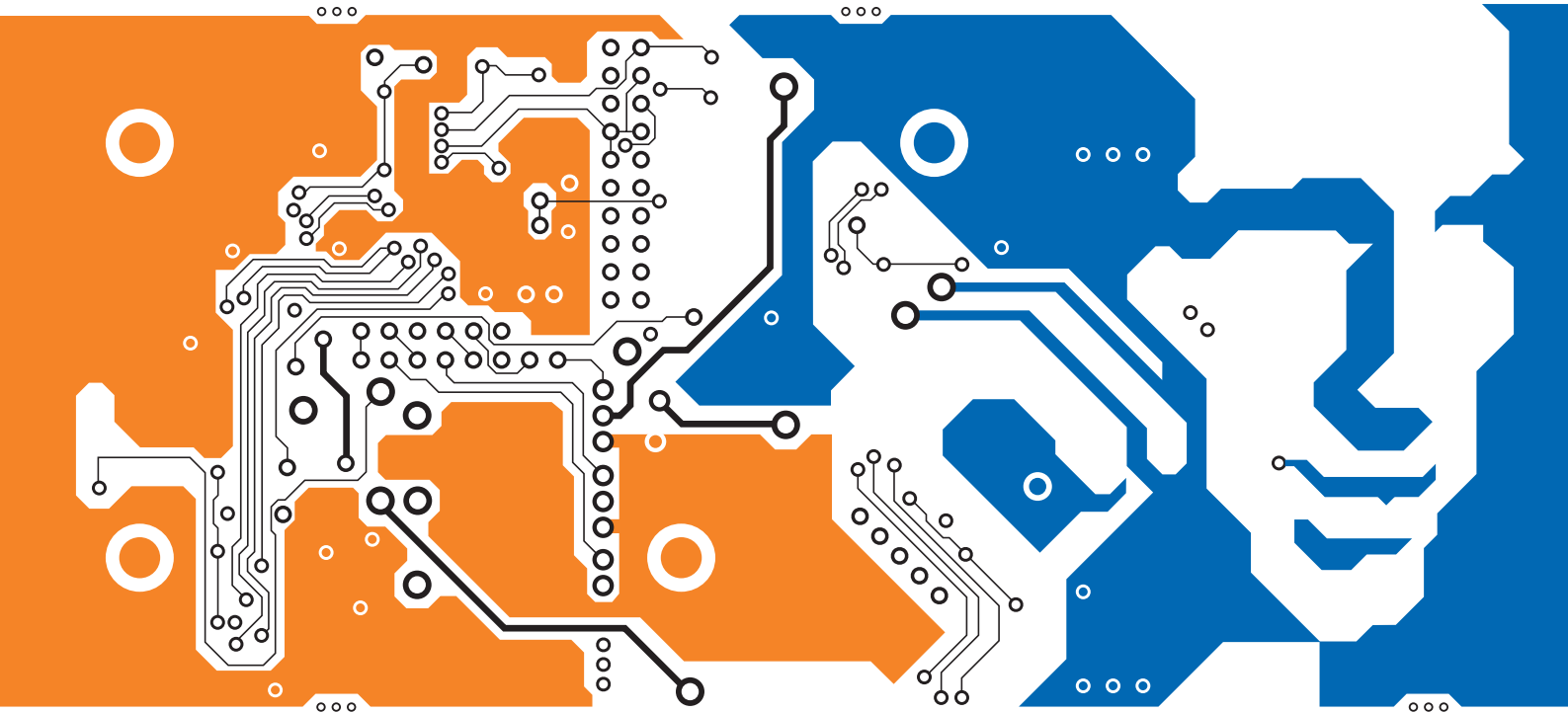




HF Radio Communications products

HF RADIO COMMUNICATIONS



2110 SSB TRANSCEIVER
INTERNATIONAL PRICE LIST

FEBRUARY 2005

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Weights indicated are actual net weights of items shown and do not include packaging for shipping purposes.

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PATROL PACKAGE			
PRODUCT	PART NO.	DESCRIPTION	
 <p>NET WEIGHT: 7.44 kg (16.40 lbs)</p>	02-10586	<p>2110 Patrol Package</p> <p>An ultra lightweight, ready to use transceiver package for communications while on foot. Comes complete with antennas, rechargeable battery and backpack. An appropriate battery charger needs to be ordered separately.</p> <p>COMPRISING:</p> <ul style="list-style-type: none"> • 2110 SSB Transceiver Unit (1.5 ppm) — std frequency stability • H-250/U Telephone Handset • Earth wire with clip • Counterpoise 4-wire kit • Collapsible Whip Antenna 3 m (10') • Long Wire Antenna and Adaptor • Battery Pack 12 V 8Ah NiMH • Softpack Backpack • 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD <p>STANDARD FEATURES:</p> <ul style="list-style-type: none"> • 1.6–30 MHz, 400 channels, 10 networks • 25 W/5 W (PEP) selectable output power • 12 V DC, USB/LSB/AM • 1.5 ppm frequency stability • Internal automatic antenna tuner • Multi-net scanning • In-built <i>Easitalk</i> speech noise reduction • Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics • Call logging • Selectable output power • Computer interface (RS232) for PC control • Front panel programming • Extensive Built-In-Test functions • Meets MIL-STD-810F for shock, vibration, immersion and dust <p>AVAILABLE OPTIONS:</p> <ul style="list-style-type: none"> • Opt GPS Receiver (Int Fit) • Opt 2.7 kHz Filter (Int Fit) • Opt 500 Hz Filter (Int Fit) • Opt Voice Encryptor (Int Fit) • Opt FED-STD-1045 ALE/CALM • Opt MIL-STD-188-141B ALE <p>NOTE:</p> <ul style="list-style-type: none"> • To meet full MIL-STD-188-141B ALE requirements, the 0.5 ppm frequency stability transceiver is required. 	
		08-06155-001	• 2110 SSB Transceiver Unit (1.5 ppm) — std frequency stability
		78-08000	• H-250/U Telephone Handset
		08-06259-001	• Earth wire with clip
		15-00446	• Counterpoise 4-wire kit
		15-00452	• Collapsible Whip Antenna 3 m (10')
		15-00454	• Long Wire Antenna and Adaptor
		08-06185-001	• Battery Pack 12 V 8Ah NiMH
		15-00218	• Softpack Backpack
		15-04136-EN	• 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD

EXPLORER PACKAGE			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 10.18 kg (22.44 lbs)</p>	02-10587	<p>2110 Explorer Package</p> <p>A comprehensive manpack transceiver package for long distance communications while on the move. It includes a GPS Receiver, selection of antennas, rechargeable battery, battery charger and comfortable heavy duty backpack.</p> <p>COMPRISING:</p> <ul style="list-style-type: none"> • 2110 SSB Transceiver Unit (1.5 ppm) — std frequency stability • H-250/U Telephone Handset • Earth wire with clip • Counterpoise 4-wire kit • Option GPS Receiver fitted • Knock Over Whip Antenna 1.5 m (5') • Collapsible Whip Antenna 3 m (10') • Long Wire Antenna and Adaptor • Battery Pack 12 V 8Ah NiMH • 2110 Battery Charger AC 1 A • 19-way battery charger output cable • Internal X Frame Backpack • 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD <p>NOTE:</p> <ul style="list-style-type: none"> • When ordering, please specify the required AC input cable plug (AUS, UK, USA or EU). <p>STANDARD FEATURES:</p> <ul style="list-style-type: none"> • 1.6–30 MHz, 400 channels, 10 networks • 25 W/5 W (PEP) selectable output power • 12 V DC, USB/LSB/AM • 1.5 ppm frequency stability • Internal automatic antenna tuner • Multi-net scanning • In-built <i>Easitalk</i> speech noise reduction • Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics • Call logging • Selectable output power • Computer interface (RS232) for PC control • Front panel programming • Extensive Built-In-Test functions • Meets MIL-STD-810F for shock, vibration, immersion, dust <p>AVAILABLE OPTIONS:</p> <ul style="list-style-type: none"> • Opt 2.7 kHz Filter (Int Fit) • Opt 500 Hz Filter (Int Fit) • Opt Voice Encryptor (Int Fit) • Opt FED-STD-1045 ALE/CALM • Opt MIL-STD-188-141B ALE <p>NOTE:</p> <ul style="list-style-type: none"> • To meet full MIL-STD-188-141B ALE requirements, the 0.5 ppm frequency stability transceiver is required. 	\$12,414
	08-06155-001	• 2110 SSB Transceiver Unit (1.5 ppm) — std frequency stability	
	78-08000	• H-250/U Telephone Handset	
	08-06259-001	• Earth wire with clip	
	15-00446	• Counterpoise 4-wire kit	
	15-10525-000	• Option GPS Receiver fitted	
	15-00459	• Knock Over Whip Antenna 1.5 m (5')	
	15-00452	• Collapsible Whip Antenna 3 m (10')	
	15-00454	• Long Wire Antenna and Adaptor	
	08-06185-001	• Battery Pack 12 V 8Ah NiMH	
	15-00573	• 2110 Battery Charger AC 1 A	
	08-06215-001	• 19-way battery charger output cable	
	15-00217	• Internal X Frame Backpack	
	15-04136-EN	• 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD	

HOMELAND SECURITY PACKAGE

PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 10.96 kg (24.16 lbs)</p>	02-10588	<p>2110 Homeland Security Package</p> <p>A quick to deploy manpack transceiver package, preconfigured with MIL-STD-188-141B ALE and high stability oscillator. It includes a GPS Receiver, heavy duty rechargeable battery, battery charger, selection of antennas and heavy duty backpack.</p> <p>COMPRISING:</p> <ul style="list-style-type: none"> • 2110 SSB Transceiver Unit (0.5 ppm) — high frequency stability • H-250/U Telephone Handset • Earth wire with clip • Counterpoise 4-wire kit • Option MIL-STD-188-141B ALE fitted • Option GPS Receiver fitted • Collapsible Whip Antenna 3 m (10') • Long Wire Antenna and Adaptor • Battery Pack 12 V 13Ah NiMH • 2110 Battery Charger AC 1 A • 19-way battery charger output cable • Internal X Frame Backpack • 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD <p>NOTE:</p> <ul style="list-style-type: none"> • When ordering, please specify the required AC input cable plug (AUS, UK, USA or EU). <p>STANDARD FEATURES:</p> <ul style="list-style-type: none"> • 1.6–30 MHz, 600 channels, 20 networks • 25 W/5 W (PEP) selectable output power • 12 V DC, USB/LSB/AM • 0.5 ppm frequency stability • Internal automatic antenna tuner • Multi-net scanning • In-built <i>Easitalk</i> speech noise reduction • Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics • Call logging • Selectable output power • Computer interface (RS232) for PC control • Front panel programming • Extensive Built-In-Test functions • Meets MIL-STD-810F for shock, vibration, immersion, dust <p>AVAILABLE OPTIONS:</p> <ul style="list-style-type: none"> • Opt 2.7 kHz Filter (Int Fit) • Opt 500 Hz Filter (Int Fit) • Opt Voice Encryptor (Int Fit) 	\$16,214
	08-06155-002	• 2110 SSB Transceiver Unit (0.5 ppm) — high frequency stability	
	78-08000	• H-250/U Telephone Handset	
	08-06259-001	• Earth wire with clip	
	15-00446	• Counterpoise 4-wire kit	
	15-10532	• Option MIL-STD-188-141B ALE fitted	
	15-10525-000	• Option GPS Receiver fitted	
	15-00452	• Collapsible Whip Antenna 3 m (10')	
	15-00454	• Long Wire Antenna and Adaptor	
	08-06186-001	• Battery Pack 12 V 13Ah NiMH	
	15-00573	• 2110 Battery Charger AC 1 A	
	08-06215-001	• 19-way battery charger output cable	
15-00217	• Internal X Frame Backpack		
15-04136-EN	• 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD		

TRANSCEIVER KIT			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 3.28 kg (7.23 lbs)</p>	02-10578	<p>2110 SSB Transceiver Kit</p> <p>This package consists of the basic transceiver unit with a handset and grounding equipment. An appropriate battery, antenna, backpack and transceiver options need to be ordered separately to fit your needs.</p> <p>COMPRISING:</p> <ul style="list-style-type: none"> • 2110 SSB Transceiver Unit (1.5 ppm) — std frequency stability • H-250/U Telephone Handset • Earth wire with clip • Counterpoise 4-wire kit • 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD <p>STANDARD FEATURES:</p> <ul style="list-style-type: none"> • 1.6–30 MHz, 400 channels, 10 networks • 25 W/5 W (PEP) selectable output power • 12 V DC, USB/LSB/AM • 1.5 ppm frequency stability • Internal automatic antenna tuner • Multi-net scanning • In-built <i>Easitalk</i> speech noise reduction • Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics • Call logging • Selectable output power • Computer interface (RS232) for PC control • Front panel programming • Extensive Built-In-Test functions • Meets MIL-STD-810F for shock, vibration, immersion and dust <p>AVAILABLE OPTIONS:</p> <ul style="list-style-type: none"> • Opt GPS Receiver (Int Fit) • Opt 2.7 kHz Filter (Int Fit) • Opt 500 Hz Filter (Int Fit) • Opt Voice Encryptor (Int Fit) • Opt FED-STD-1045 ALE/CALM • Opt MIL-STD-188-141B ALE <p>NOTE:</p> <ul style="list-style-type: none"> • To meet full MIL-STD-188-141B ALE requirements, the 0.5 ppm frequency stability transceiver is required. 	\$9,050
	<p>08-06155-001</p> <p>78-08000</p> <p>08-06259-001</p> <p>15-00446</p> <p>15-04136-EN</p>		

TRANSCEIVER UNITS			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 2.5 kg (5.51 lbs)</p>	08-06155-001	<p>2110 SSB Tcwr Unit (1.5 ppm)</p> <p>State of the art transceiver unit designed to withstand immersion, shock and vibration to military specifications. It has very low power consumption for long battery life and an integrated automatic antenna tuner.</p> <p>Fully interoperable with Codan's NGT series transceivers.</p> <p>Options and accessories such as FED-STD-1045 ALE/CALM, GPS Receiver, handset, battery, earth wire, antennas, backpack and manuals need to be ordered separately.</p> <p>STANDARD FEATURES:</p> <ul style="list-style-type: none"> • 1.6–30 MHz, 400 channels, 10 networks • 25 W/5 W (PEP) selectable output power • 12 V DC, USB/LSB/AM • 1.5 ppm standard frequency stability • Internal automatic antenna tuner • Multi-net scanning • In-built <i>Easitalk</i> speech noise reduction • Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics • Call logging • Selectable output power • Computer interface (RS232) for PC control • Front panel programming • Extensive Built-In-Test functions • Meets MIL-STD-810F for shock, vibration, immersion, dust 	\$8,650
	08-06155-002	<p>2110 SSB Tcwr Unit (0.5 ppm)</p> <p>This transceiver is the same as 08-06155-001 except it is fitted with a high stability frequency reference of 0.5 ppm.</p> <p>The 0.5 ppm frequency stability transceiver is required to meet full MIL-STD-188-141B ALE requirements.</p>	\$9,100
 <p>NET WEIGHT: 2.5 kg (5.51 lbs)</p>			




ACCESSORIES			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 0.35 kg (0.77 lbs)</p>	78-08000	Handset H-250/U Lightweight military handset with noise cancelling microphone and push-to-talk switch. Includes a coiled cord with a standard H-229 military audio connector.	\$250
 <p>NET WEIGHT: 0.09 kg (0.2 lbs)</p>	15-04128-EN	System Programmer CD Programming software to program 2110 SSB and NGT series transceivers. Programmer interface cable (part number 08-06237-001) needs to be ordered separately.	\$450
 <p>NET WEIGHT: 0.12 kg (0.26 lbs)</p>	08-06237-001	Cable, 2110 Prog 19way MIL-D9F RS232 interface cable to control or program 2110 SSB transceiver from a PC.	\$120
 <p>NET WEIGHT: 0.2 kg (0.44 lbs)</p>	78-01031	Adaptor, USB to DB-9, Serial A PC USB port to serial port adaptor for use with 2110 RS232 interface cable (08-06237-001).	\$125
 <p>NET WEIGHT: 0.22 kg (0.49 lbs)</p>	15-04136-EN	2110 SSB Tcwr Get Start Guide A printed Getting Started Guide providing instructions on initial setup of the 2110 SSB Transceiver and includes a fully text-searchable Reference Manual on CD.	\$40

OPTIONS				
PRODUCT	PART NO.	DESCRIPTION		PRICE (AUD)
 NET WEIGHT: 0.02 kg (0.04 lbs)	15-10525-000	Opt GPS Receiver (Int Fit) Internally fitted 16-channel GPS receiver module for 2110 SSB Transceiver. Enables use with GPS location tracking systems and shows remote locations with distance and bearing.		\$640
 NET WEIGHT: 0.01 kg (0.02 lbs)	15-10529-000	Opt 2.7 kHz Filter (Int Fit) 2.7 kHz wide IF filter for 2110 SSB Transceiver. Required for use with MIL-STD type high speed HF data modems.		\$900
 NET WEIGHT: 0.01 kg (0.02 lbs)	15-10530-000	Opt 500 Hz Filter (Int Fit) 500 Hz narrow IF filter for 2110 SSB Transceiver. Improves performance with morse (CW) and narrow FSK data modems like Pactor-II.		\$900
 NET WEIGHT: 0.04 kg (0.09 lbs)	15-10531-000	Opt Voice Encryptor (Int Fit) High grade Voice Encryptor Module for 2110 SSB Transceiver. Provides high grade voice security with exceptional recovered audio quality.		\$2500
		NOTE: <ul style="list-style-type: none"> This option is subject to Australian Defence Export Controls. A signed End-User Declaration must be provided for supply of this option. 		
<input checked="" type="checkbox"/>	15-10479	Opt FED-STD-1045 ALE/CALM Fully compatible with FED-STD-1045 ALE capabilities and enhanced with Codan Automated Link Management (CALM). Includes facilities for Selective Calls, All Calls, Phone Calls, Text Messaging and GPS Position Calls.		\$2,000
<input checked="" type="checkbox"/>	15-10532	Opt MIL-STD-188-141B ALE Provides full FED-STD-1045 and MIL-STD-188-141B ALE capabilities, including NET call, ALL call, ANY call, Group Call, Wildcard Call, advanced ALE beacon, in-link AMD messaging and a Last Heard station log. With this option the transceiver has 20 networks and 600 available channels.		\$3,500
		To meet the MIL-STD-188-141B ALE stability requirement, Option MIL-STD-188-141B ALE should be used with 0.5 ppm 2110 SSB Transceiver Unit (08-06155-002).		
<input checked="" type="checkbox"/>	15-10518	Opt Amateur Mode Enables transmit capability with free dial frequencies within Amateur frequency bands. For use by licensed operators only.		\$100
<input checked="" type="checkbox"/>	15-10481	Opt TxD, Tx Program Disable Disables front panel programming of new transmit frequencies. For use in countries where front panel programming is prohibited by regulatory authorities, such as the USA and Australia.		\$0




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LONG WIRE & DIPOLES			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 0.44 kg (0.97 lbs)</p>	15-00454	<p>Ant, Long Wire and Adaptor (1.6–30 MHz)</p> <p>Lightweight Kevlar reinforced Tactical Long Wire antenna for use with 2110 SSB Transceiver (1.6–30 MHz).</p> <p>Includes: throw rope, antenna adaptor, winding spool, anchor peg and antenna deployment quick reference card.</p>	\$230
 <p>NET WEIGHT: 1.1 kg (2.43 lbs)</p>	15-00458	<p>Ant, End-fed Broadband (3–30 MHz)</p> <p>Lightweight Kevlar reinforced End-fed Broadband Dipole Antenna for use with 2110 SSB Transceiver (3–30 MHz, 25 W PEP).</p> <p>Includes: 3 m (10') coaxial feeding cable terminated with BNC connectors with protective caps, broadband antenna balun, throw rope, counterpoise kit, winding spool, anchor peg and antenna deployment quick reference card.</p>	\$760
 <p>NET WEIGHT: 2.6 kg (5.73 lbs)</p>	15-00456	<p>Ant, Broadband Dipole (3–30 MHz)</p> <p>Lightweight Kevlar reinforced Tactical Broadband Dipole Antenna for use with 2110 SSB Transceiver (3–30 MHz, 25 W PEP).</p> <p>Includes: 10 m (30') coaxial feeding cable terminated with BNC connectors with protective caps, broadband antenna balun, two lots of termination resistors, throw ropes, counterpoise kits, winding spools, anchor pegs and antenna deployment quick reference card.</p>	\$1,290
 <p>NET WEIGHT: 2.7 kg (5.95 lbs)</p>	15-00455	<p>Ant, Wire Dipole (3–30 MHz)</p> <p>Lightweight Kevlar reinforced Tactical Dipole Antenna with tactile length markings for use with 2110 SSB Transceiver (3–30 MHz, 50 W PEP).</p> <p>Includes: 10 m (30') coaxial feeding cable terminated with BNC connectors with protective caps, dipole antenna balun, throw rope, antenna adaptor, winding spools, anchor peg and antenna deployment quick reference card.</p>	\$1,000
 <p>NET WEIGHT: 3.3 kg (7.28 lbs)</p>	15-00457	<p>Ant, Dipole and BB kit (2–30 MHz)</p> <p>Lightweight Kevlar reinforced Universal HF Dipole and HF Broadband Dipole Antenna kit for use with 2110 SSB Transceiver (2–30 MHz, 25 W PEP).</p> <p>Includes: 10 m (30') coaxial feeding cable terminated with BNC connectors with protective caps, broadband antenna balun, dipole antenna balun, two lots of termination resistors, throw ropes, counterpoise kits, winding spools, anchor pegs and antenna deployment quick reference cards.</p>	\$1,720



WHIP ANTENNAS

PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 0.4 kg (0.88 lbs)</p>	15-00452	Ant, 3 m (10') Collapsible Whip Lightweight collapsible 6 section whip antenna with flexible gooseneck for use with 2110 SSB Transceiver (2–30 MHz).	\$260
 <p>NET WEIGHT: 0.25 kg (0.55 lbs)</p>	15-00453	Ant, 1.5 m (5') Tape Whip Foldable tape whip antenna with flexible gooseneck for use with 2110 SSB Transceiver (3–30 MHz).	\$120
 <p>NET WEIGHT: 0.28 kg (0.62 lbs)</p>	15-00459	Ant, 1.5 m (5') Knock Over Whip Lightweight collapsible 3 section knock over whip antenna with flexible gooseneck for use with 2110 SSB Transceiver (3–30MHz).	\$300



EARTHING

PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 0.16 kg (0.35 lbs)</p>	15-00446	Counterpoise 4-wire kit Lightweight counterpoise and earthing kit for use with 2110 SSB Transceiver.	\$80
 <p>NET WEIGHT: 0.08 kg (0.18 lbs)</p>	15-00462	Anchor peg Used in antenna kits to anchor the antenna wires.	\$30
 <p>NET WEIGHT: 0.05 kg (0.11 lbs)</p>	08-06259-001	Earth wire with clip Earthing wire 1 m (3') with spring clip for use with 2110 SSB Transceiver.	\$30

BATTERIES			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 2.1 kg (4.63 lbs)</p>	08-06185-001	<p>Battery Pack 12 V 8Ah NiMH</p> <p>Waterproof 2110 SSB Transceiver battery pack with 12 V, 8Ah rechargeable Nickel Metal Hydride battery and battery management controller.</p> <p>Recharges: ~500 (80% capacity) Useable hours: ~30 hrs (using Rx/Tx 9:1)</p>	\$990
 <p>NET WEIGHT: 2.9 kg (6.39 lbs)</p>	08-06186-001	<p>Battery Pack 12 V 13Ah NiMH</p> <p>Waterproof 2110 SSB Transceiver battery pack with 12 V, 13Ah rechargeable Nickel Metal Hydride battery and battery management controller.</p> <p>Recharges: ~500 (80% capacity) Useable hours: ~50 hrs (using Rx/Tx 9:1)</p>	\$1,140
 <p>NET WEIGHT: 3.2 kg (7.05 lbs)</p>	08-06188-001	<p>Battery Pack 12 V 7Ah SLA</p> <p>Waterproof 2110 SSB Transceiver battery pack with 12 V, 7Ah rechargeable Sealed Lead Acid battery and battery management controller.</p> <p>Recharges: ~200 (60% capacity) Useable hours: ~15 hrs (using Rx/Tx 9:1)</p>	\$770

CHARGERS			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 0.37 kg (0.82 lbs)</p>	15-00573	<p>2110 Battery Charger AC 1 A 2110 Battery Charger AC-DC 3121 with choice of AC mains input cable.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • When ordering, please specify the required AC input cable plug (AUS, UK, USA or EU). • Suitable charger output cable for AC-DC 3121 charger module must be ordered separately. 	\$385
 <p>NET WEIGHT: 0.5 kg (1.10 lbs)</p>	15-00574	<p>2110 Battery Charger DC 1 A 2110 Battery Charger DC-DC 3122 with DC input cables 08-06216-001 and 08-06217-001.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Suitable charger output cable for DC-DC 3122 charger module must be ordered separately. 	\$438
 <p>NET WEIGHT: 0.25 kg (0.55 lbs)</p>	78-02007	<p>Battery Charger AC-DC 3121 Low noise 2110 battery pack charger (90–240 V AC input, 15.5 V @ 1 A output). Suitable for charging while operating the transceiver.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Suitable AC input cable (with AUS, UK, USA or EU plug) and output cable for AC-DC 3121 charger module must be ordered separately. 	\$370
 <p>NET WEIGHT: 0.24 kg (0.53 lbs)</p>	78-02008	<p>Battery Charger DC-DC 3122 Low noise 2110 battery pack charger (12–60 V DC input, 15.5 V @ 1 A output). Suitable for charging while operating the transceiver.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Suitable DC input cable (with vehicle lighter plug or spring clips adaptor) and output cable for DC-DC 3122 charger module must be ordered separately. 	\$380



CHARGER OUTPUT CABLES

PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 0.08 kg (0.18 lbs)</p>	08-06214-001	<p>Cable, charger O/P, 6way</p> <p>Battery charger output cable for connecting AC-DC 3121 or DC-DC 3122 charger module to 6-way connector on battery pack. Used to connect the charger directly to the battery pack.</p>	\$67
 <p>NET WEIGHT: 0.08 kg (0.18 lbs)</p>	08-06215-001	<p>Cable, charger O/P, 19way</p> <p>Battery charger output cable connecting AC-DC 3121 or DC-DC 3122 charger module to 19-way connector on 2110 SSB Transceiver front panel for charging while in operation.</p>	\$109

CHARGER INPUT CABLES AC

PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
	67-90200	Cable, 2C AUS IEC C7 2 m IEC 2-wire mains cable with AUS plug.	\$15
NET WEIGHT: 0.1 kg (0.22 lbs)			
	67-90201	Cable, 2C UK IEC C7 2 m IEC 2-wire mains cable with UK plug.	\$15
NET WEIGHT: 0.13 kg (0.29 lbs)			
	67-90202	Cable, 2C USA IEC C7 2 m IEC 2-wire mains cable with USA plug.	\$15
NET WEIGHT: 0.16 kg (0.35 lbs)			
	67-90203	Cable, 2C EU IEC C7 2 m IEC 2-wire mains cable with EU plug.	\$15
NET WEIGHT: 0.09 kg (0.198 lbs)			

CHARGER INPUT CABLES DC

PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
	08-06216-001	Cable, DC charger I/P, lighter adaptor DC input cable to connect an in-vehicle lighter socket to DC-DC 3122 charger module.	\$29
NET WEIGHT: 0.11 kg (0.24 lbs)			
	08-06217-001	Cable, DC charger I/P, clips adaptor DC input cable with spring clips to connect DC power source to DC-DC 3122 charger module.	\$29
NET WEIGHT: 0.15 kg (0.33 lbs)			

BACKPACKS			
PRODUCT	PART NO.	DESCRIPTION	PRICE (AUD)
 <p>NET WEIGHT: 4.3 kg (9.48 lbs)</p>	15-00216	<p>Backpack, External Frame</p> <p>Heavy duty backpack with external frame and ergonomic shoulder harness with ventilation panel for comfort. It has side, bottom and front pockets for transceiver accessories, reference materials, and personal items. The modular external frame allows for additional loads of up to 50 kg.</p> <p>Material: 1000 Denier Black bulked filament nylon, black co-polymer frame.</p>	\$500
 <p>NET WEIGHT: 3.25 kg (7.17 lbs)</p>	15-00217	<p>Backpack, Internal X Frame</p> <p>Expedition quality and ergonomic backpack with internal cross frame and high quality components to ensure comfort.</p> <p>Material: 1000 Denier Black Cordura.</p>	\$450
 <p>NET WEIGHT: 1.23 kg (2.71 lbs)</p>	15-00218	<p>Backpack, Softpack</p> <p>Lightweight, compact and comfortable backpack providing storage for transceiver, all accessories as well as personal items.</p> <p>Material: Black Cordura.</p>	\$300

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SHIPPING WEIGHTS			
PART NO.	DESCRIPTION	BOX TYPE	PACKED WGHT (kg)
02-10578	2110 SSB Transceiver Kit	B2	5.0
02-10586	2110 Patrol Package	CMR	11.0
02-10587	2110 Explorer Package	AA + BPK	14.5
02-10588	2110 Homeland Security Package	AA + BPK	16.0
08-06155-001	2110 SSB Tcwr Unit (1.5 ppm)	PSU	3.5
08-06155-002	2110 SSB Tcwr Unit (0.5 ppm)	PSU	3.5
08-06185-001	Battery Pack 12 V 8Ah NiMH	1/2B	2.6
08-06186-001	Battery Pack 12 V 13Ah NiMH	1/2B	3.4
08-06188-001	Battery Pack 12 V 7Ah SLA	1/2B	3.7
08-06214-001	Cable, charger O/P, 6way	M	0.3
08-06215-001	Cable, charger O/P, 19way	M	0.3
08-06216-001	Cable, DC charger I/P, lighter adaptor	M	0.4
08-06217-001	Cable, DC charger I/P, clips adaptor	M	0.4
08-06237-001	Cable, 2110 Prog 19way MIL-D9F	M	0.5
08-06259-001	Earth wire with clip	M	0.3
15-00216	Backpack, External Frame	BPK	5.5
15-00217	Backpack, Internal X Frame	BPK	4.5
15-00218	Backpack, Softpack	B2	2.5
15-00446	Counterpoise 4-wire kit	M	0.5
15-00452	Ant, 3 m (10') Collapsible Whip	1/2C	1.4
15-00453	Ant, 1.5 m (5') Tape Whip	1/2C	1.3
15-00454	Ant, Long Wire and Adaptor (1.6–30 MHz)	L	0.8
15-00455	Ant, Wire Dipole (3–30 MHz)	1/2B	3.2
15-00456	Ant, Broadband Dipole (3–30 MHz)	1/2B	3.1
15-00457	Ant, Dipole and BB kit (2–30 MHz)	1/2B	3.8
15-00458	Ant, End-fed Broadband (3–30 MHz)	1/2B	1.6
15-00459	Ant, 1.5 m (5') Knock Over Whip	1/2C	1.3
15-00462	Anchor peg	L	0.4
15-00573	2110 Battery Charger AC 1 A	L	0.7
15-00574	2110 Battery Charger DC 1 A	1/2B	1.0
15-04128-EN	System Programmer CD	M	0.3

SHIPPING WEIGHTS			
PART NO.	DESCRIPTION	BOX TYPE	PACKED WGHT (kg)
15-04136-EN	2110 SSB Tcwr Get Start Guide	M	0.5
67-90200	Cable, 2C AUS IEC C7 2 m	M	0.3
67-90201	Cable, 2C UK IEC C7 2 m	M	0.4
67-90202	Cable, 2C USA IEC C7 2 m	M	0.4
67-90203	Cable, 2C EU IEC C7 2 m	M	0.3
78-01031	Adaptor, USB to DB-9, Serial	M	0.5
78-02007	Battery Charger AC-DC 3121	M	0.5
78-02008	Battery Charger DC-DC 3122	M	0.5
78-08000	Handset H-250/U	L	0.7

NOTE 1: All weights shown are **net packed weights** calculated to the nearest 0.5 kg.

NOTE 2: In a number of instances accessories will be packed together or with the main equipment resulting in a reduction of the total published weight.

NOTE 3: Where applicable, the standard pack reference code has been given as a general guide to the overall dimensions of the carton/crate used to pack main equipment and some selected accessories. It should be noted, however, that the dimensions shown might vary from time-to-time depending on the consignment circumstances.

STANDARD PACKING DIMENSIONS		
REF CODE	DIMENSIONS	APPROXIMATE VOLUME (m ³)
A	510 x 510 x 280 mm	0.07
AA	510 x 510 x 280 mm	0.07
B	510 x 340 x 280 mm	0.05
B1	510 x 340 x 280 mm	0.05
B2	510 x 340 x 280 mm	0.04
BPK	590 x 410 x 200 mm	0.05
C	2200 x 130 x 90 mm	0.03
CMR	660 x 330 x 330 mm	0.07
D	1700 x 200 x 180 mm	0.06
E	1940 x 480 x 190 mm	0.18
F	600 x 600 x 350 mm	0.13
H	790 x 710 x 1670 mm	0.94
HPPA1	680 x 640 x 420 mm	0.18
HPPA2	680 x 640 x 420 mm	0.18
L	300 x 200 x 100 mm	0.01
M	230 x 210 x 105 mm	0.01
M1	3150 x 160 x 160 mm	0.08
M2	930 x 230 x 200 mm	0.04
M3	3150 x 160 x 160 mm	0.08
M4	930 x 230 x 200 mm	0.04
N	780 x 530 x 80 mm	0.03
O	1200 x 530 x 80 mm	0.05
P1	150 x 220 x 0 mm	0.0
P4	240 x 370 x 0 mm	0.0
PSU	400 x 300 x 190 mm	0.02
R	600 x 600 x 550 mm	0.20

STANDARD PACKING DIMENSIONS CONT.

REF CODE	DIMENSIONS	APPROXIMATE VOLUME (m ³)
S	170 x 170 x 70 mm	0.01
SD1	1750 x 6.0 x 6.0 mm	0.0
SD2	770 x 360 x 100 mm	0.02
SOLA	1000 x 550 x 200 mm	0.11
SYST	1040 x 520 x 300 mm	0.16
SYS1	1030 x 520 x 300 mm	0.16
SYS2	1030 x 520 x 300 mm	0.16
SYS3	1030 x 520 x 300 mm	0.16
T	800 x 300 x 250 mm	0.06
TW	600 x 550 x 400 mm	0.13
019A	1900 x 460 x 185 mm	0.16
023A	1260 x 830 x 440 mm	0.46
023B	1100 x 1110 x 390 mm	0.48
023C	4500 x 1570 x 140 mm	0.99
024A	960 x 630 x 270 mm	0.16
024B	1100 x 1110 x 390 mm	0.48
024C	4500 x 1570 x 140 mm	0.99
1/2B	311 x 231 x 243 mm	0.02
1/2C	950 x 130 x 90 mm	0.01
40W	660 x 360 x 620 mm	0.15
406	2270 x 120 x 120 mm	0.03
406A	602 x 230 x 50 mm	0.006
408L1	660 x 410 x 160 mm	0.04
408L2	1960 x 180 x 180	0.06
420/14	5200 x 260 x 260 mm	0.35
420/23	7800 x 260 x 260 mm	0.52
533A	1200 x 530 x 300 mm	0.19
1021	1260 x 830 x 470 mm	0.49
1022	910 x 285 x 205 mm	0.05

Prices

Prices are normally quoted in Australian Dollars (AUD).

When specifically required, quotations in other major international currencies can be provided upon request.

Terms of Payment

Pre-payment

Or

Letter of Credit

Or

Telegraphic Transfer

Or

Open account on application and submission of relevant financial information.

Our Bankers

Street address:

Westpac Banking Corporation
2-8 King William Street
ADELAIDE, South Australia, 5000

Postal address:

Westpac Banking Corporation
GPO Box 2038
ADELAIDE, South Australia, 5001

Terms of Delivery

Incoterms (2000) apply.

Quotations can be provided for any of the following:

- Ex Works Newton, South Australia
- FCA (free carrier) Newton, South Australia
- CPT (Carriage Paid To ... (named airport of arrival))
- CIP (Carriage and Insurance Paid to ... (named airport of arrival))
- DDU (Delivery Duty Unpaid...(named place of destination))

Method of Despatch

AIRFREIGHT unless otherwise instructed at time of order.

Packing

Our export pack standards are designed to ensure safe delivery under normal international airfreight handling conditions.

Special packaging requirements (banding, waterproofing, crating, etc.) can be arranged at additional cost.



Conditions for Irrevocable Documentary Letter of Credit

Beneficiary:	Codan Limited 81 Graves Street Newton, South Australia, 5074
Beneficiaries Bankers (for Letters of Credit):	Australia and New Zealand Banking Group Limited Westpac Banking Corporation Hong Kong Bank or any major Australian bank
Please establish by:	Swift/Telex
Expiry date:	Allow sufficient time to claim for any final payment, approximately 7 weeks from establishment of LC
Place of expiry:	Australia
Confirmation:	Confirmation allowed Confirmation charges are for the account of Beneficiary LC to allow confirmation by any Prime Bank in Australia
Available with/by:	Freely negotiable with any Australian Bank
Drafts at:	Sight
Partial shipments:	Allowed
Transshipment:	Allowed
Despatch from:	Any Australian Airport/Seaport
For transportation to:	(Port of Destination)
Documents required:	Commercial Invoices Packing Lists Air Waybill marked "Freight Prepaid"/"Freight Collect" (as necessary) Certificate of Origin Insurance Certificate (if applicable)
Shipping terms:	Incoterms (2000): CIP, CPT, FCA, Ex-Works



Conditions for Irrevocable Documentary Letter of Credit

Special conditions

Documents to be presented within 21 days from date of issuance of Air Waybill.

Charges

All other Bank charges outside the applicant's country are for the account of the Beneficiary, excluding establishing Bank charges.

Applicant to confirm with Codan any other bank charges not described in this document.

Codan Limited ('Codan') warrants that all equipment manufactured by Codan will be free of faults arising from defects in design, workmanship or materials in accordance with this express warranty.

Should any fault due to bad design, workmanship or materials be proven at any time within the prescribed warranty period, Codan will, subject to the terms of this warranty as set out below, remedy such fault free of charge provided the equipment is returned, carriage paid, to Codan or to a service centre authorised by Codan.

The prescribed warranty period for equipment manufactured by Codan is three (3) years after shipment from the factory. In addition, where Codan (or a service centre authorised by Codan) repairs equipment or supplies spare parts, the prescribed warranty period for the repaired equipment or spare parts is three (3) months after shipment to the customer.

This express warranty shall not extend to any abuse, accident or improper installation, connection, adjustment or use of goods otherwise than in accordance with instructions issued by Codan.

Subject to the matters set out in this express warranty, no liability expressed or implied, is accepted for any consequential loss, damage or injury arising as a result of any fault in the goods.

This express warranty does not extend to goods supplied by Codan, which are not designed or manufactured by it. Codan will, however, make reasonable endeavours to ensure that the purchaser receives the full benefit of any warranty given by the manufacturer.

This express warranty is valid for goods purchased from Codan anywhere in the world. Warranty service will be provided in accordance with this express warranty in any country of the world where there is a service centre authorised by Codan.

The benefits conferred by this express warranty are in addition to all other non-excludable rights and remedies which the consumer may have under the Australian Trade Practices Act and any similar laws in Australia or elsewhere. To the extent permitted by law, Codan's liability for any non-excludable condition or warranty is limited to (at Codan's option):

- (a) In the case of goods – repairing, replacing or supplying equivalent goods, or paying the cost of any of those remedies; or
- (b) In the case of services – supplying the services again or paying the cost of having the services supplied again.

Some goods or components of goods supplied by Codan have specific warranty conditions in addition to those stated above. Such conditions are supplied with the goods or components of goods.

Codan Limited ('Codan') warrants that all batteries supplied by Codan will be free of faults arising from defects in design, workmanship or materials in accordance with this express warranty.

In addition to Codan's International Product Warranty period and conditions, the following conditions apply to battery cells supplied by Codan.

Codan warrants the Nickel Metal Hydride (NiMH) battery cells to be free from defects in material and workmanship for a period of three (3) years after shipment from the factory.

Codan warrants the Sealed Lead Acid (SLA) battery cells to be free from defects in material and workmanship for a period of one (1) year after shipment from the factory.

The liability of Codan under this warranty shall be limited to the repair or replacement free of charge of NiMH battery cells or SLA battery cells provided notification of such failures or defect is given to Codan immediately upon the same becoming apparent.

This warranty does not extend to cover defects in the battery cells that are due to fair wear and tear, negligent use, tampering, improper handling, improper use, improper operation, improper storage, improper battery management or where the batteries have not been charged, discharged or serviced as per Codan's instructions. Note that battery cell capacity reduces through time and usage and that this is normal. The degree of reduction depends upon the battery cell type.

This warranty will be rendered void if a battery pack has been disassembled unless such disassembly has been agreed to by Codan.

The warranty is not transferable to third parties.

- 02-10578**
 - 2110 SSB Transceiver Kit [4, 17](#)
- 02-10586**
 - 2110 Patrol Package [1, 17](#)
- 02-10587**
 - 2110 Explorer Package [2, 17](#)
- 02-10588**
 - 2110 Homeland Security Package [3, 17](#)
- 08-06155-001**
 - 2110 SSB Tcwr Unit (1.5 ppm) [5, 1, 2, 4, 17](#)
- 08-06155-002**
 - 2110 SSB Tcwr Unit (0.5 ppm) [5, 3, 17](#)
- 08-06185-001**
 - Battery Pack 12 V 8Ah NiMH [11, 1, 2, 17](#)
- 08-06186-001**
 - Battery Pack 12 V 13Ah NiMH [11, 3, 17](#)
- 08-06188-001**
 - Battery Pack 12 V 7Ah SLA [11, 17](#)
- 08-06214-001**
 - Cable, charger O/P, 6way [13, 17](#)
- 08-06215-001**
 - Cable, charger O/P, 19way [13, 2, 3, 17](#)
- 08-06216-001**
 - Cable, DC charger I/P, lighter adaptor [14, 17](#)
- 08-06217-001**
 - Cable, DC charger I/P, clips adaptor [14, 17](#)
- 08-06237-001**
 - Cable, 2110 Prog 19way MIL-D9F [6, 17](#)
- 08-06259-001**
 - Earth wire with clip [10, 1, 2, 3, 4, 17](#)
- 15-00216**
 - Backpack, External Frame [15, 17](#)
- 15-00217**
 - Backpack, Internal X Frame [15, 2, 3, 17](#)
- 15-00218**
 - Backpack, Softpack [15, 1, 17](#)
- 15-00446**
 - Counterpoise 4-wire kit [10, 1, 2, 3, 4, 17](#)
- 15-00452**
 - Ant, 3 m (10') Collapsible Whip [10, 1, 2, 3, 17](#)
- 15-00453**
 - Ant, 1.5 m (5') Tape Whip [10, 17](#)
- 15-00454**
 - Ant, Long Wire and Adaptor (1.6–30 MHz) [9, 1, 2, 3, 17](#)
- 15-00455**
 - Ant, Wire Dipole (3–30 MHz) [9, 17](#)
- 15-00456**
 - Ant, Broadband Dipole (3–30 MHz) [9, 17](#)
- 15-00457**
 - Ant, Dipole and BB kit (2–30 MHz) [9, 17](#)
- 15-00458**
 - Ant, End-fed Broadband (3–30 MHz) [9, 17](#)
- 15-00459**
 - Ant, 1.5 m (5') Knock Over Whip [10, 2, 17](#)
- 15-00462**
 - Anchor peg [10, 17](#)
- 15-00573**
 - 2110 Battery Charger AC 1 A [12, 2, 3, 17](#)
- 15-00574**
 - 2110 Battery Charger DC 1 A [12, 17](#)
- 15-04128-EN**
 - System Programmer CD [6, 17](#)
- 15-04136-EN**
 - 2110 SSB Tcwr Get Start Guide [6, 1, 2, 3, 4, 18](#)
- 15-10479**
 - Opt FED-STD-1045 ALE/CALM [7, 1, 2, 4](#)
- 15-10481**
 - Opt TxD, Tx Program Disable [7](#)
- 15-10518**
 - Opt Amateur Mode [7](#)
- 15-10525-000**
 - Opt GPS Receiver (Int Fit) [7, 1, 2, 3, 4](#)
- 15-10529-000**
 - Opt 2.7 kHz Filter (Int Fit) [7, 1, 2, 3, 4](#)
- 15-10530-000**
 - Opt 500 Hz Filter (Int Fit) [7, 1, 2, 3, 4](#)
- 15-10531-000**
 - Opt Voice Encryptor (Int Fit) [7, 1, 2, 3, 4](#)
- 15-10532**
 - Opt MIL-STD-188-141B ALE [7, 1, 2, 3, 4](#)
- 67-90200**
 - Cable, 2C AUS IEC C7 2 m [14, 18](#)
- 67-90201**
 - Cable, 2C UK IEC C7 2 m [14, 18](#)
- 67-90202**
 - Cable, 2C USA IEC C7 2 m [14, 18](#)
- 67-90203**
 - Cable, 2C EU IEC C7 2 m [14, 18](#)
- 78-01031**
 - Adaptor, USB to DB-9, Serial [6, 18](#)
- 78-02007**
 - Battery Charger AC-DC 3121 [12, 18](#)
- 78-02008**
 - Battery Charger DC-DC 3122 [12, 18](#)
- 78-08000**
 - Handset H-250/U [6, 1, 2, 3, 4, 18](#)

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