

## Price List for: State of Pennsylvania

Contract Number: 4400008558

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**Valid From:** October 01, 2012

**Valid Until:** September 30, 2016

**Price Code:** HPA  
**Version:** 1.01

Codan Radio Communications is a division of Daniels Electronics Ltd.

# 1. Analog Radio Systems

## 1.1 DAN-035-0030-ABC



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-035-0030-ABC	Base Station - 30 - 39 MHz, 3 Watts	\$6,691.05
<b>Includes:</b>		
AC-3E	AUDIO CTRL, E&M SIGNALLING,96P	
AC-CTCSS-DE1	MODULE, CTCSS DECODER	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-3H045-SWA200	RECEIVER, MT-3,VHF(038-050MHz)	
VT-3H045-SXA300	TRANSMTR,MT-3,VHF038-050MHz,3W	

The VHF Base Station provides the following standard features and capabilities:

- Operational across the entire VHF low band (30-39 MHz)
- Transmitter output is variable between 0.5 – 3 Watts (100% continuous duty)
- The MT-3 transmitter & receivers support analog operation in 20 KHz channels.
- Transmitter is pretuned to 37.000 MHz and the Receiver is pretuned to 35.000 MHz
- The transmitter & receiver can be programmed with up to 16 channels.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- 10-17 VDC operation
- Includes an antenna relay
- The AC-3E audio control card includes four potentiometers on the front panel for adjusting internal audio levels. Two switches are mounted on the front of the audio control card that can be configured to control CTCSS on / off or repeat disable.

**1.2 DAN-035-0030-ARC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-035-0030-ARC	Repeater - 30 - 39 MHz, 3 Watts	\$6,004.35
<b>Includes:</b>		
AC-3E	AUDIO CTRL, E&M SIGNALLING,96P	
AC-CTCSS-DE1	MODULE, CTCSS DECODER	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-3H045-SWA200	RECEIVER, MT-3,VHF(038-050MHz)	
VT-3H035-SXA300	TRANSMTR,MT-3,VHF029-038MHz,3W	

The VHF Repeater provides the following standard features and capabilities:

- Operational across the entire VHF low band (30-39 MHz)
- Transmitter output is variable between 0.5 – 3 Watts (100% continuous duty)
- Transmitter is pretuned to 37.000 MHz and the Receiver is pretuned to 35.000 MHz
- The MT-3 transmitter & receivers support analog operation in 20 KHz channels.
- The transmitter & receiver can be programmed with up to 16 channels.
- 10-17 VDC operation
- The AC-3E audio control card includes four potentiometers on the front panel for adjusting internal audio levels. Two switches are mounted on the front of the audio control card that can be configured to control CTCSS on / off or repeat disable.

**1.3 DAN-045-0030-ABC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-045-0030-ABC	Base Station - 38 - 50 MHz, 3 Watts	\$6,691.05
<b>Includes:</b>		
AC-3E	AUDIO CTRL, E&M SIGNALLING,96P	
AC-CTCSS-DE1	MODULE, CTCSS DECODER	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-3H045-SWA200	RECEIVER, MT-3,VHF(038-050MHz)	
VT-3H045-SXA300	TRANSMTR,MT-3,VHF038-050MHz,3W	

The VHF Base Station provides the following standard features and capabilities:

- Operational across the entire VHF low band (38-50 MHz)
- Transmitter output is variable between 0.5 – 3 Watts (100% continuous duty)
- The MT-3 transmitter & receivers support analog operation in 20 KHz channels.
- Transmitter is pretuned to 42.000 MHz and the Receiver is pretuned to 44.000 MHz
- The transmitter & receiver can be programmed with up to 16 channels.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- 10-17 VDC operation
- Includes an antenna relay
- The AC-3E audio control card includes four potentiometers on the front panel for adjusting internal audio levels. Two switches are mounted on the front of the audio control card that can be configured to control CTCSS on / off or repeat disable.

**1.4 DAN-045-0030-ARC**

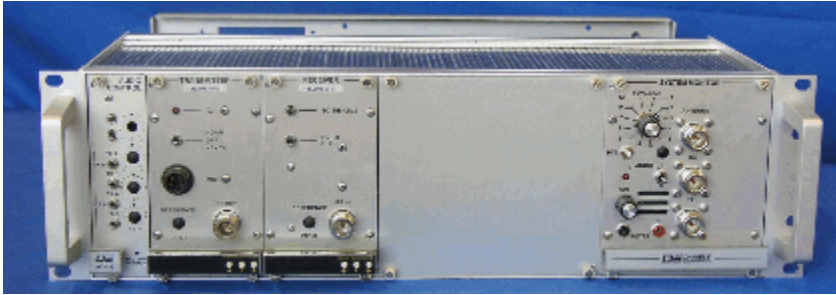


PART NUMBER	DESCRIPTION	LIST PRICE
DAN-045-0030-ARC	Repeater - 38 - 50 MHz, 3 Watts	\$6,004.35
<b>Includes:</b>		
AC-3E	AUDIO CTRL, E&M SIGNALLING,96P	
AC-CTCSS-DE1	MODULE, CTCSS DECODER	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-3H045-SWA200	RECEIVER, MT-3,VHF(038-050MHz)	
VT-3H045-SXA300	TRANSMTR,MT-3,VHF038-050MHz,3W	

The VHF Repeater provides the following standard features and capabilities:

- Operational across the entire VHF low band (38-50 MHz)
- Transmitter output is variable between 0.5 – 3 Watts (100% continuous duty)
- Transmitter is pretuned to 42.000 MHz and the Receiver is pretuned to 44.000 MHz
- The MT-3 transmitter & receivers support analog operation in 20 KHz channels.
- The transmitter & receiver can be programmed with up to 16 channels.
- 10-17 VDC operation
- The AC-3E audio control card includes four potentiometers on the front panel for adjusting internal audio levels. Two switches are mounted on the front of the audio control card that can be configured to control CTCSS on / off or repeat disable.

**1.5 DAN-130-0030-ABC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-130-0030-ABC	Base Station, AM 118 - 137 MHz, 3 Watts	\$6,804.90
<b>Includes:</b>		
AC-3E	AUDIO CTRL, E&M SIGNALLING,96P	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-3A130-SYF210	RECEIVER, MT-3/AM, 118-137 MHz	
VT-3A130-SYF410	TRANSMTR,MT-3/AM,118-137MHz,3W	

The VHF Base Station provides the following standard features and capabilities:

- Operational across the entire VHF band (118-137 MHz)
- Transmitter output is variable between 1 – 3 Watts (100% continuous duty)
- The MT-3 transmitter & receivers support analog operation in 8.33 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 127.000 MHz and the Receiver is pretuned to 127.000 MHz
- The transmitter & receiver can be programmed with up to 16 channels.
- 10-17 VDC operation
- Includes an antenna relay
- The AC-3E audio control card includes four potentiometers on the front panel for adjusting internal audio levels. Two switches are mounted on the front of the audio control card that can be configured to control CTCSS on / off or repeat disable.

**1.6 DAN-150-008A-ABC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-150-008A-ABC	Base Station - 136 - 174 MHz, 0.5-8 Watts, Class A	\$6,979.95
<b>Includes:</b>		
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-4E150-A0-000	RX,MT-4E,VHF136-174MHz,CLASS A	
VT-4E150-00-800	TRANSMITTR MT-4E,VHF136-174MHz	

The VHF Base Station provides the following standard features and capabilities:

- Operational across the entire VHF band (136-174 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 168.000 MHz and the Receiver is pretuned to 163.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.



**1.7 DAN-150-008A-ARC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-150-008A-ARC	Repeater - 136 - 174 MHz, 0.5-8 Watts, Class A	\$5,246.55
<b>Includes:</b>		
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-4E150-A0-000	RX,MT-4E,VHF136-174MHz,CLASS A	
VT-4E150-00-800	TRANSMITTR MT-4E,VHF136-174MHz	

The VHF Repeater provides the following standard features and capabilities:

- Operational across the entire VHF band (136-174 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 168.000 MHz and the Receiver is pretuned to 163.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation



**1.8 DAN-420-008A-ABC**

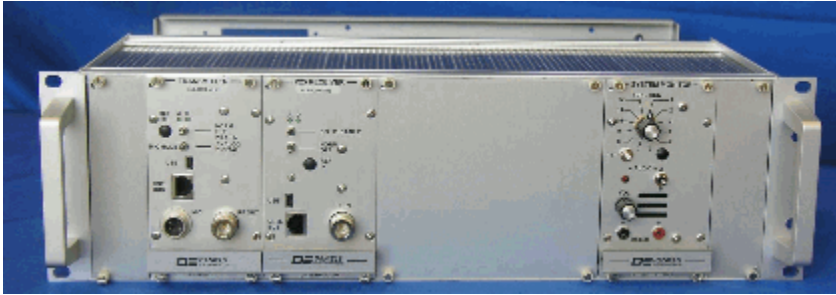


PART NUMBER	DESCRIPTION	LIST PRICE
DAN-420-008A-ABC	Base Station - 406-430 MHz, 0.5-8 Watts, Class A	\$7,250.40
<b>Includes:</b>		
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E420-A0-000	RX,MT-4E,UHF406-430MHz,CLASS A	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Base Station provides the following standard features and capabilities:

- Operational across the entire UHF band (406-430 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 423.000 MHz and the Receiver is pretuned to 418.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.

**1.9 DAN-420-008A-ARC**

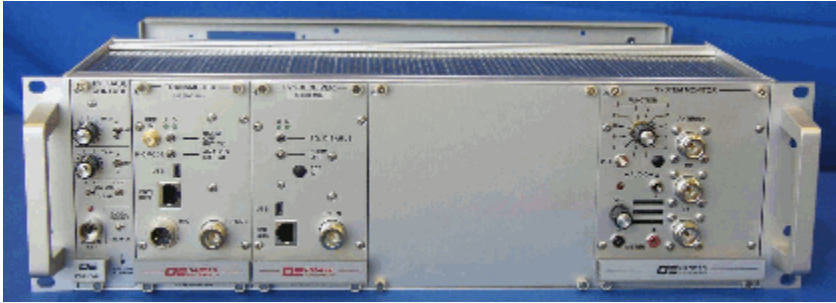


PART NUMBER	DESCRIPTION	LIST PRICE
DAN-420-008A-ARC	Repeater - 406-430 MHz, 0.5-8 Watts, Class A	\$5,514.30
<b>Includes:</b>		
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E420-A0-000	RX,MT-4E,UHF406-430MHz,CLASS A	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Repeater provides the following standard features and capabilities:

- Operational across the entire UHF band (406-430 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 423.000 MHz and the Receiver is pretuned to 418.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation

**1.10 DAN-460-008A-ABC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-460-008A-ABC	Base Station - 450-470 MHz, 0.5-8 Watts, Class A	\$7,250.40
<b>Includes:</b>		
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E460-A0-000	RX,MT-4E,UHF450-470MHz,CLASS A	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Base Station provides the following standard features and capabilities:

- Operational across the entire UHF band (450-470 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 455.000 MHz and the Receiver is pretuned to 460.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.

**1.11 DAN-460-008A-ARC**

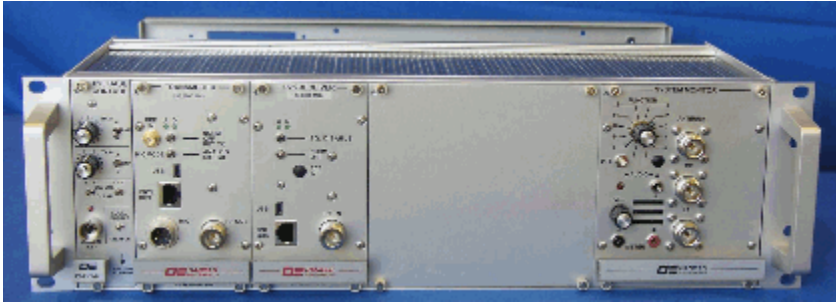


PART NUMBER	DESCRIPTION	LIST PRICE
DAN-460-008A-ARC	Repeater - 450-470 MHz, 0.5-8 Watts, Class A	\$5,514.30
<b>Includes:</b>		
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E460-A0-000	RX,MT-4E,UHF450-470MHz,CLASS A	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Repeater provides the following standard features and capabilities:

- Operational across the entire UHF band (450-470 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 455.000 MHz and the Receiver is pretuned to 460.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- Transmitter options such as Frequency, CTCSS, are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation

**1.12 DAN-500-008B-ABC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-500-008B-ABC	Base Station - 470-520 MHz, 0.5-8 Watts, Class B	\$7,250.40
<b>Includes:</b>		
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E500-00-000	RX,MT-4E,UHF470-520MHz,CLASS B	
UT-4E500-00-800	TRANSMITTR,MT-4E,UHF470-520MHz	

The UHF Base Station provides the following standard features and capabilities:

- Operational across the entire UHF band (470-520 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 496.000 MHz and the Receiver is pretuned to 491.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class B (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.

**1.13 DAN-500-008B-ARC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-500-008B-ARC	Repeater - 470-520 MHz, 0.5-8 Watts, Class B	\$5,514.30
<b>Includes:</b>		
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E500-00-000	RX,MT-4E,UHF470-520MHz,CLASS B	
UT-4E500-00-800	TRANSMITTR,MT-4E,UHF470-520MHz	

The UHF Repeater provides the following standard features and capabilities:

- Operational across the entire UHF band (470-520 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 496.000 MHz and the Receiver is pretuned to 491.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class B (TIA) Receiver Performance
- 10-17 VDC operation



**1.14 Analog Modules**

PART NUMBER	DESCRIPTION	LIST PRICE
<b>Product</b>		
A11-FE4-150	RF PRESELECTOR CLASS B, 136-174 MHZ	\$361.35
A11-FE4A-150	RF PRESELECTOR CLASS A, 136-174 MHZ	\$396.00
A11-RX4E-MAIN	RECEIVER MAIN BOARD ASSEMBLY (MT-4E)	\$1,158.30
A11-UDB	UNIVERSAL DAUGHTER BOARD, MT-4E RX OR TX	\$267.30
A13-FE4-420	RF PRESELECTOR CLASS B, 406-430 MHZ	\$341.55
A13-FE4-460	RF PRESELECTOR CLASS B, 450-470 MHZ	\$366.30
A13-FE4A-420	RF PRESELECTOR CLASS A, 406-430 MHZ	\$490.05
A13-FE4A-460	RF PRESELECTOR CLASS A, 450-470 MHZ	\$504.90
A21-TX4E-MAIN	TX MAIN BOARD ASSEMBLY (MT-4E)	\$504.90
A21-VPA155-08	TX POWER AMP, 130-180 MHZ	\$420.75
A23-UPA450-08	TX POWER AMP, 380-512 MHZ	\$410.85
A64-OR4-150	SYNTHESIZER, RX, MT-4E, 136-174 MHZ	\$252.45
A64-OR4-440	SYNTHESIZER, RX, MT-4E, 406-470 MHZ	\$534.60
A64-OT4-150	SYNTHESIZER, TX, MT-4E, 136-174 MHZ	\$584.10
A64-OT4-440	SYNTHESIZER, TX, MT-4E, 406-470 MHZ	\$608.85
AC-3E	CROSSBAND E&M CONTROL CARD	\$683.10
A-CABLEREEL-01	CABLE REEL, FOR COAX CABLE, YEL	\$247.50
AC-CAT-E1	STATUS TONE ENCODER	\$163.35
AC-CTCSS-DE1	CTCSS DECODER	\$212.85
AC-CTCSS-E1	CTCSS ENCODER	\$163.35
AC-CTCSS-TDS-1	MODULE, CTCSS ENC/DEC, BURST, ANI	\$212.85
AC-CTCSS-TS-64	MODULE, CTCSS ENCODER/DECODER	\$212.85
AC-DCS1	DIGITALLY CODED SQUELCH	\$212.85
AC-DTMF-D2	DTMF DECODER	\$252.45
AC-MC1	MORSE CODE ID GENERATOR	\$435.60
AC-RS11	CTCSS ROTARY SWITCH INTERFACE - (COMMON EN/DECODE FREQ.)	\$579.15
AC-RS12	CTCSS ROTARY SWITCH INTERFACE - (DIFFERENT EN/DECODE FREQ.)	\$777.15
AC-SCS-1RS	16 CHANNEL FREQUENCY SELECT ROTARY SWITCH, 1 SWITCH	\$69.30
AC-SCS-2RS	16 CHANNEL FREQUENCY SELECT ROTARY SWITCH, 2 SWITCHES	\$133.65
A-INTERCON-96	REPEATER INTERCONNECT, 96 PIN AUX CONNECTOR AND HOUSING FOR USER-BUILT AUX. CABLES	\$54.45
A-MIC-01	MICROPHONE	\$183.15
AMP-140-110-D1P	AMP, 136-144, 60-110W, 13.8V, REAR	\$2,390.85
AMP-140-110-D1R	AMP, 136-144, 60-110W, 13.8V, RACK	\$2,390.85
AMP-148-110-D1P	AMP, 144-152, 60-110W, 13.8V, REAR	\$2,390.85
AMP-148-110-D1R	AMP, 144-152, 60-110W, 13.8V, RACK	\$2,390.85
AMP-157-110-D1P	AMP, 152-162, 60-110W, 13.8V, REAR	\$2,390.85
AMP-157-110-D1R	AMP, 152-162, 60-110W, 13.8V, RACK	\$2,390.85
AMP-168-110-D1P	AMP, 162-174, 60-110W, 13.8V, REAR	\$2,390.85
AMP-168-110-D1R	AMP, 162-174, 60-110W, 13.8V, RACK	\$2,390.85
AMP-2/150-30-00	VHF 30 WATT POWER AMPLIFIER	\$1,098.90
AMP-2/450-30-00	UHF 30 WATT POWER AMPLIFIER	\$1,098.90
AMP-481-100-D1R	AMP, 450-512MHZ, 2W I/P, 100W O/P	\$2,227.50
AMP-830-020AD1R	AMP, 700-960, 1-3W/10-20W, 19" RCK	\$920.70
AMP-830-035BD1R	AMP, 700-960M, 1-5W/10-35W, RACK	\$1,311.75
AMP-850-015-D1R	AMP, 800-900MHZ, 3W/15W, RACK/MT	\$891.00
AMP-850-040-D1R	AMP, 800-900MHZ, 2W/40W, RACK/MT	\$1,252.35
AMP-860-080-D1M	AMP, 850-870, 80W, 13.8V, MODULAR	\$1,871.10
AMP-860-080-D1R	AMP, 850-870, 1-2W/80W, 13.8, RACK	\$1,871.10
AMP-860-100-03V	AMP, 850-870, 100W, 28V/11A, RACK	\$1,989.90
AMP-890-020AD1S	AMP, 806-960, 1-3W/10-20W, MOBILE	\$658.35
AMP-890-035BD1S	AMP, 806-960, 1-5W/10-35W, MOBILE	\$1,049.40



PART NUMBER	DESCRIPTION	LIST PRICE
AMP-P10-2AA1-C1	POWER AMPLIFIER, 2 W IN/100 W OUT, 30-36 MHZ	\$1,574.10
AMP-P10-2AB1-C1	POWER AMPLIFIER, 2 W IN/ 100 W OUT, 36-42 MHZ	\$1,574.10
AMP-P10-2AC1-C1	POWER AMPLIFIER, 2 W IN/ 100 W OUT, 42-50 MHZ	\$1,574.10
AMP-P10-2GA1-C3	AMP,406-426MHZ,2W I/P,100W O/P	\$2,499.75
AMP-P25-2AA1-C1	AMP,30-36MHZ,2.5W I/P,250W O/P	\$3,212.55
AMP-P25-2AB1-C1	AMP,36-42MHZ,2.5W I/P,250W O/P	\$3,593.70
AMP-P25-2AC1-C1	AMP,42-50MHZ,2.5W I/P,250W O/P	\$3,212.55
AMP-P25-2EA1-C1	AMP,152-162MHZ,5W I/P,250W O/P	\$3,593.70
AMP-P25-5EA1-C1	AMP,152-162MHZ,5W I/P,250W O/P	\$3,212.55
AMP-P9-2K1-C1	POWER AMPLIFIER, 2 W IN/ 80 W OUT, 806-870 MHZ	\$2,588.85
ANT-BASEPLATE-1	BASE PLATE, URBAN, 11" FEET	\$495.00
ANT-MASTSYS-01	MAST SYSTEM, 3 METER	\$3,465.00
ANT-MASTSYS-02	MAST SYSTEM, 7 METER	\$3,955.05
ANT-MASTSYS-03	MAST SYSTEM, 10 METER	\$5,445.00
ANT-MOUNT-2-01	MOUNT, DUAL ANTENNA, COMPRESSION KIT 24 INCH	\$693.00
A-PK-IRIDIUM	INTERFACE KIT FOR IRIDIUM SYSTEM	\$4,405.50
A-PK-RX3N214	12.5 KHZ MODIFICATION KIT FOR CONVERSION TO NARROWBAND RX	\$232.65
A-PNL-AUX96-3	96 POSITION REAR TERMINAL BLOCK, MOUNTED ON BACK PANEL	\$272.25
A-PNL-DUP-02	TRAY PANEL FOR COMPROD DUPLEXER	\$44.55
A-PNL-SP-01	SPEAKER PANEL, 19" RACK MOUNT, 3 RU HEIGHT	\$267.30
APP-FIRM20-W-XX	FIRMWARE, MT-4E, RX ANALOG, STATUS TONE	\$108.90
APP-RSS03-WC-XX	RADIO SERVICE SOFTWARE, RSS4E	\$316.80
APP-UIC-4-01	SOFTWARE, UIC-4	\$0.00
A-RACK19-AMP-02	RACK, 5 AMPLIFIER MODULES,19"	\$405.00
A-TK-01	ALIGNMENT/MAINTENANCE KIT FOR MT-3	\$64.35
A-TK-04	ALIGNMENT/MAINTENANCE KIT, MT-4	\$103.95
CBL223-NXXNXXXX	RG223 RF CABLE (TYPE N BULKHEAD)	\$103.95
CBL223-XPOXPOXX	RG223 RF CABLE (TYPE N OR BNC CONNECTOR)	\$79.20
CBL223-XR0XR0XX	RG223 CABLE (TYPE N OR BNC CONNECTOR) RIGHT ANGLE CONNECTION	\$89.10
CBL400-NJ8NP1600	CABLE/LMR400,N JACK-N PLUG,16M	\$133.65
CBL400-NJ8NP3100	CABLE/LMR400,N JACK-N PLUG,31M	\$242.55
CBL400-NP0NP1600	CABLE/LMR400,N PLUG-N PLUG,16M	\$148.50
CBL400-NP0NP3100	CABLE/LMR400,N PLUG-N PLUG,31M	\$257.40
CBLAUX-96-1.22	AUXILLIARY CONTROL CABLE, 1.22 M (4 FT.)	\$193.05
CBLC40-01025100	INTERCONNECT CABLE, CI-DSP-223, DB-25 TO BARE WIRES (FOR CONNECTION TO A-PNL-AUX96-3)	\$79.20
CBLC40-04225092	CABLE, DB25 MALE-DB25 MALE,3FT	\$29.70
CBLC41-43525110	INTERCONNECT CABLE, CI-DSP-223, DB-25 TO 96 PIN CONNECTOR (FOR CONNECTION DIRECTLY TO SUBRACK)	\$128.70
CBLC44-20704305	CABLE/USB2.0,A-B(MINI)M-M,10FT	\$29.70
CBLC46-12506XXX	CABLE, RJ45 PLUG-PLUG, 8 POSITION	\$39.60
CBLPXX-XXXXXXXXXX	POWER CABLE FOR TRANSPORTABLE CASE	\$84.15
CI-DSP-223	TONE REMOTE ADAPTER	\$900.90
CI-IP-223	VOIP REMOTE ADAPTER	\$2,574.00
CI-MODEL66	CONTROLLER, TRANSMITTER	\$3,049.20
CI-MODEL66-SDM	MODEL66 WITH SIMULCAST DELAY	\$4,275.00
CI-PM-3-00	PAGING INTERFACE CARD	\$1,742.40
CI-PM3-ALARM-01	ALARM BOARD,CI-PM-3 PAGING MOD	\$990.00
CI-RSWITCH-0	REDUNDANT SWITCH	\$1,960.20
CI-SARB-01	SYSTEM ALARM RELAY BOARD	\$585.00
CP-SC-3	SYNTHESIZER CHANNEL PROGRAMMER	\$1,004.85
DUP-132-150JHPN	DUPLEXER, 132-150MHZ,100W,2 MHZ	\$2,440.35
DUP-136-174EKPB	DUPLEXER, 136-174MHZ,50W,4.5MHZ	\$707.85
DUP-136-174TDHN	DUPLEXER, 136-174M,350W,500KHZ	\$1,861.20
DUP-136-174TDRN	DUPLEXER, 136-174M,350W,500KHZ	\$2,559.15

PART NUMBER	DESCRIPTION	LIST PRICE
DUP-144-174EKAB	DUPLEXER, 144-174M, 50W,4.5MHZ	\$594.00
DUP-144-174EKHB	DUPLEXER/6CAV,144-174,50W,4.5M	\$851.40
DUP-144-174JHPN	DUPLEXER, 144-174MHZ,100W,2 MHZ	\$2,440.35
DUP-350-512EMLB	DUPLEXER, 350-512MHZ,50W,5 MHZ	\$653.40
DUP-406-512EMAB	DUPLEXER,406-512 MHZ,50W,5 MHZ	\$594.00
DUP-406-512EMEB	DUPLEXER/6CAV,406-512,50W,5MHZ	\$874.80
DUP-406-512LMLN	DUPLEXER, 406-512MHZ,125W,5 MHZ	\$1,460.25
DUP-406-512LMRN	DUPLEXER, 406-512MHZ,125W,5 MHZ	\$1,900.80
DUP-768-806EWAB	DUPLEXER,768-806MHZ,50W,30 MHZ	\$495.00
DUP-806-896EYAB	DUPLEXER,806-896MHZ,50W,45 MHZ	\$396.00
DUP-806-896EYCB	DUPLEXER,806-896MHZ,50W,45 MHZ	\$504.90
DUP-896-960EUPB	DUPLEXER,896-960MHZ,50W,24 MHZ	\$504.90
EC-48RD	48 PIN EXTENDER, DIRECT CONNECT FOR USE WITH RF MODULES OR SYSTEM REGULATOR	\$207.90
EC-48RK-1.22	48 PIN EXTENDER KIT W/ CABLE	\$410.85
EC-96D1	96 PIN EXTENDER CARD	\$128.70
EC-96K-1.22	96 PIN EXTENDER KIT W/ CABLE	\$569.25
ES-1-B20-00	STEEL FREESTANDING 19" RACK CABINET, OPEN FRONT AND BACK, 20 RU HEIGHT	\$613.80
ES-1-B20-D0	FLUSH MOUNT RACK DOOR, WITH LOCK FOR USE WITH 20 RU HEIGHT CABINET	\$207.90
ES-1-B28-00	STEEL FREESTANDING 19" RACK CABINET, OPEN FRONT AND BACK, 28 RU HEIGHT	\$613.80
ES-1-B28-D0	FLUSH MOUNT RACK DOOR, WITH LOCK FOR USE WITH 28 RU HEIGHT CABINET	\$207.90
ES-4-D90-01	19" OPEN FRAME RELAY RACK, 90" HEIGHT	\$1,470.15
ET-1-A06-00	19" POLYETHYLENETRANSPORTABLE CASE	\$3,534.30
ET-1-A09-00	TRANSPORTABLE CASE FOR 9U RACK	\$3,895.65
ET-3-03-00	ORANGE 19 "TRANSPORTABLE CASE	\$2,722.50
ET-3-03-05	BLACK 19" TRANSPORTABLE CASE, ALUMINUM	\$2,722.50
ET-4-A09-00	POLYETHYLENE BRIEFCASE	\$910.80
ET-4-A09-01	BRIEFCASE PACKAGE INCL. POWER MODULE & ACCESSORY BOX	\$2,069.10
ET-4-A-ACC-BOX	BOX / ACCESSORIES ET-4-A09-01	\$163.35
ET-5-M03-00	TACTICAL REPEATER CASE	\$990.00
ET-6-M03-01	REPEATER/STEALTH,P25 RX/TX/30W BLK EXT	\$1,980.00
ET-6-M03-02	REPEATER/STEALTH,P25 RX/TX/30W BLK INT	\$1,980.00
ET-6-M03-22	REPEATER/STEALTH,P25 RX/TX/30W OR INT	\$1,980.00
IM10-VR3H040	VR-3H040 SYNTHESIZED RX MANUAL	\$29.70
IM12-001	VR-3A130, AM RX MANUAL	\$29.70
IM20-VT3H040	VT-3H040 SYNTHESIZED TX MANUAL	\$29.70
IM22-001	VT-3A130, AM SYNTHESIZED TX MANUAL	\$29.70
IM31-SM3	SYSTEM REGULATOR MANUAL	\$29.70
IM35-MB84RX	MULTI RX SUBRACK MANUAL	\$29.70
IM35-MB84TX	MULTI TX/AMP SUBRACK MANUAL	\$29.70
IM35-SR3MB84	MANUAL, SR-3 SUBRACK/MOTHERBOARD	\$29.70
IM42-AC3	MANUAL, AC-3 AUDIO CONTROL	\$29.70
IM4E-CD	ELECTRONIC MANUAL PACKAGE	\$108.90
IM51-CPSC3	SYNTH CHANNEL PROGRAMMER MANUAL	\$29.70
IM55-003	MANUAL, REDUNDANT SWITCH MODULE	\$29.70
IM55-005	MANUAL, UIC-4, UNIVERSAL INTERFACE CARD	\$29.70
IM55-CIPM3	CI-PM-3 PAGING MODULATOR MANUAL	\$29.70
IM71-001	AMP-2/145/155/170/-30 MANUAL	\$29.70
IM71-002	MANUAL, AMP-2/450-30	\$29.70
IM81-002	PSA-12A09-PB-00-UB-00 MANUAL	\$29.70
IM81-PSA12X0	PSA-12-40 & PSA-12-60 MANUAL	\$29.70
IM81-PSD2	MANUAL, PSD-15-08 DC/DC CONVERTER	\$29.70

PART NUMBER	DESCRIPTION	LIST PRICE
IM85-001	MANUAL, POWER SUPPLY FOR ET-4	\$29.70
IM85-002	MANUAL, ET-4-A09-0X DEPLOYMENT	\$29.70
IM87-BSSP	SPEAKER PANEL BASE STATION MANUAL	\$29.70
IM87-NCONV	NARROWBAND CONVERSION MANUAL	\$29.70
PSA-12-09-RB-20	POWER SUPPLY, 12VDC/9A CONT,2U	\$1,415.70
PSA-12-144-R0-00	POWER SUPPLY,13.8VDC,144A CONT	\$1,980.00
PSA-12-40-RB-00	POWER SUPPLY,12VDC-40A,RACK MT	\$1,390.95
PSA-12-60-RB-00	POWER SUPPLY,12VDC-60A,RACK MT	\$1,742.40
PSA-12-83-R0-00	POWER SUPPLY,13.8VDC,83A CONT	\$1,732.50
PSA-12A09-PB-00	POWER SUPPLY, 12VDC, W/BATTERY BACKUP	\$544.50
PSA-12A09-UB-00	POWER SUPPLY, 12VDC, W/BATTERY BACKUP	\$485.10
PSA-14-04-S0-07	BATTERY CHARGER, 14 VDS, 4A, CLIPS	\$396.00
PSBENC-002	ENCLOSURE/BATTERY, PORTABLE, 12 V, 35 AH	\$544.50
PSBENC-005	ENCLOSURE, WITH 100 AH BATTERY	\$1,485.00
PSB-P-12V10A502	BATTERY/LEAD ACID, 12V,10.5 AH	\$64.35
PSD-15-08-P0-80	CONVERTER, DC/DC,8A,18-36V I/P	\$891.00
PSD-15-08-P0-90	CONVERTER, DC/DC,8A,36-72V I/P	\$980.10
PSS-PS-60W-02	SOLAR SYS/FOLDABLE,60W,IN CASE	\$2,069.10
PSS-PS-60W-02A	SOLAR SYS/FOLDABLE,60W,NO CASE	\$1,237.50
SA-VIB-22	ANTI-VIBRATION KIT	\$89.10
SM-3-H0-014-00	SYSTEM REGULATOR	\$663.30
SM-3-H0-R1N-00	SYSTEM REGULATOR, 1 ANTENNA RELAY	\$1,207.80
SM-3-H0-R2N-00	SYSTEM REGULATOR, 2 ANTENNA RELAYS	\$1,752.30
SR-39-1	SUBRACK	\$851.40
SR-39-3	MULTI RX SUBRACK	\$787.05
SR-39-4	MULTI TX/AMP SUBRACK	\$1,113.75
UR-4E380-00-000	RX, MT-4E, UHF 380-406 MHZ	\$2,475.00
UR-4E420-00-000	RX, MT-4E ANALOG CLASS B, 406-430 MHZ	\$2,014.65
UR-4E420-A0-000	RX, MT-4E ANALOG CLASS A UHF406-430 MHZ	\$2,232.45
UR-4E430-A0-000	RX, MT-4E, UHF430-450, CLASS A	\$2,970.00
UR-4E460-00-000	RX, MT-4E ANALOG CLASS B, 450-470 MHZ	\$2,014.65
UR-4E460-A0-000	RX, MT-4E ANALOG CLASS A UHF450-470 MHZ	\$2,232.45
UR-4E500-00-000	RX, MT-4E, ANALOG CLASS B, 470-520 MHZ	\$2,232.45
UR-4E768-00-000	RX, MT-4E, UHF768-776, CLASS B	\$2,475.00
UR-4E800-00-000	RX, MT-4E, ANALOG CLASS B, 799-824 MHZ	\$2,475.00
UR-4E850-00-000	RX, MT-4E ANALOG, CLASS B, 851-869 MHZ	\$2,475.00
UR-4E900-00-000	RX,MT-4E,UHF896-902MHZ,CLASS B	\$2,475.00
UR-4E950-00-000	RX,MT-4E,UHF928-960MHZ,CLASS B	\$2,475.00
UT-4E380-00-600	TRANSMITTR,MT-4E,UHF380-406MHZ	\$1,980.00
UT-4E380-00-800	TRANSMITTER, MT-4E, UHF380-406	\$1,980.00
UT-4E450-00-800	TX, MT-4E ANALOG, 406-470 MHZ	\$1,618.65
UT-4E500-00-800	TX, MT-4E ANALOG, 470-520 MHZ	\$1,618.65
UT-4E768-00-300	TRANSMITTR,MT-4E,UHF768-806	\$2,475.00
UT-4E850-00-300	TX, MT-4E ANALOG, 799-869 MHZ	\$1,980.00
UT-4E900-00-300	TRANSMITTR,MT-4E,UHF896-960MHZ	\$2,475.00
VR-3A130-SYF210	RX, MT-3/AM, 118-137 MHZ	\$1,861.20
VR-3H035-SWA200	RX, MT-3, 030-038 MHZ	\$1,960.20
VR-3H045-SWA200	RX, MT-3, 038-050 MHZ	\$1,960.20
VR-4E150-00-000	RX, MT-4E ANALOG CLASS B, 136-174 MHZ	\$1,742.40
VR-4E150-A0-000	RX, MT-4E ANALOG CLASS A VHF136-174 MHZ	\$1,960.20
VT-3A130-SYF410	TX,MT-3/AM,118-137 MHZ,3W	\$1,950.30
VT-3H035-SXA300	TX, MT-3, VHF(030-039), 3W	\$1,742.40
VT-3H045-SXA300	TX, MT-3, VHF(038-050), 3W	\$1,742.40
VT-4E150-00-800	TX, MT-4E ANALOG, 136-174 MHZ	\$1,618.65

## 2. P25 Digital System Packages

### 2.1 DAN-150-008A-DBC

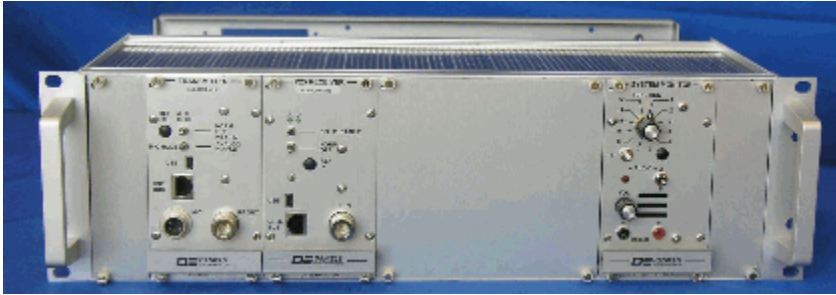


PART NUMBER	DESCRIPTION	LIST PRICE
DAN-150-008A-DBC	P25 Base Station - 136 - 174 MHz, 0.5-8 Watts, Class A	\$11,606.40
<b>Includes:</b>		
A-PNL-AUX96-3	AUX CTRL EXTENDER + TERM BLOCK	
A-PNL-AUX96-3	AUX CTRL EXTENDER + TERM BLOCK	
AC-3E	AUDIO CTRL, E&M SIGNALLING,96P	
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
APP-RSS03-WC-XX	RADIO SERVICE SOFTWARE, RSS4E	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBLC44-20704305	CABLE/USB2.0,A-B(mini)M-M, 10ft	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
CI-DSP-223	INTERFACE,TONE REMOTE,RACK MNT	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SM-3-H0-R2N-00	SYSTEM REGULATOR,9-11VDC,2 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
TEMP-QUOTE-P/N	REPLACE WITH DESCR. AND PN	
VR-4E150-00-000	RX,MT-4E,VHF136-174MHz,CLASS B	
VR-4E150-00-000	RX,MT-4E,VHF136-174MHz,CLASS B	
VT-4E150-00-800	TRANSMITTR MT-4E,VHF136-174MHz	
VT-4E150-00-800	TRANSMITTR MT-4E,VHF136-174MHz	

The VHF Base Station provides the following standard features and capabilities:

- Operational across the entire VHF band (136-174 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 168.000 MHz and the Receiver is pretuned to 163.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.

**2.2 DAN-150-008A-DRC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-150-008A-DRC	P25 REPEATER, 136-174 MHz	\$9,771.30
<b>Includes:</b>		
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
VR-4E150-A0-000	RX,MT-4E,VHF136-174MHz,CLASS A	
VT-4E150-00-800	TRANSMITTR MT-4E,VHF136-174MHz	

The VHF Repeater provides the following standard features and capabilities:

- Operational across the entire VHF band (136-174 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 168.000 MHz and the Receiver is pretuned to 163.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation



**2.3 DAN-420-008A-DBC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-420-008A-DBC	P25 Base Station - 406-430 MHz, 0.5-8 Watts, Class A	\$11,878.65
<b>Includes:</b>		
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E420-A0-000	RX,MT-4E,UHF406-430MHz,CLASS A	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Base Station provides the following standard features and capabilities:

- Operational across the entire UHF band (406-430 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 423.000 MHz and the Receiver is pretuned to 418.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.



**2.4 DAN-420-008A-DRC**

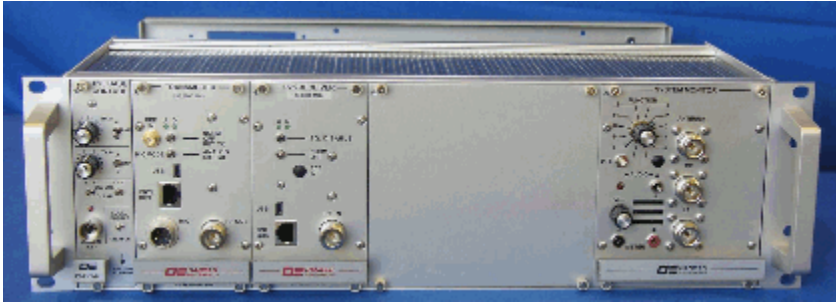


PART NUMBER	DESCRIPTION	LIST PRICE
DAN-420-008A-DRC	P25 Repeater - 406-430 MHz, 0.5-8 Watts, Class A	\$10,142.55
<b>Includes:</b>		
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E420-A0-000	RX,MT-4E,UHF406-430MHz,CLASS A	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Repeater provides the following standard features and capabilities:

- Operational across the entire UHF band (406-430 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 423.000 MHz and the Receiver is pretuned to 418.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation

**2.5 DAN-460-008A-DBC**

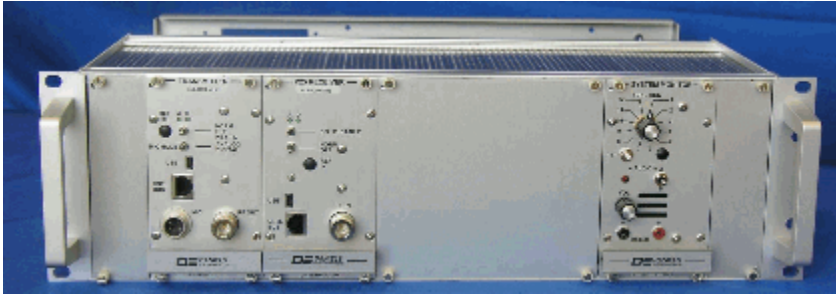


PART NUMBER	DESCRIPTION	LIST PRICE
DAN-460-008A-DBC	P25 Base Station - 450-470 MHz, 0.5-8 Watts, Class A	\$11,878.65
<b>Includes:</b>		
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E460-A0-000	RX,MT-4E,UHF450-470MHz,CLASS A	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Base Station provides the following standard features and capabilities:

- Operational across the entire UHF band (450-470 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 455.000 MHz and the Receiver is pretuned to 460.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.

**2.6 DAN-460-008A-DRC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-460-008A-DRC	P25 Repeater - 450-470 MHz, 0.5-8 Watts, Class A	\$10,142.55
<b>Includes:</b>		
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E460-00-000	RX,MT-4E,UHF450-470MHz,CLASS B	
UT-4E450-00-800	TRANSMITTR,MT-4E,UHF406-470MHz	

The UHF Repeater provides the following standard features and capabilities:

- Operational across the entire UHF band (450-470 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 455.000 MHz and the Receiver is pretuned to 460.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class A (TIA) Receiver Performance
- 10-17 VDC operation

**2.7 DAN-500-008B-DBC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-500-008B-DBC	P25 Base Station - 470-520 MHz, 0.5-8 Watts, Class B	\$11,878.65
<b>Includes:</b>		
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
CBL223-NP0NP042	CABLE, N PLG-PLG,RG223/U, 42cm	
CBL223-NP0NP049	CABLE, N PLG-PLG,RG223/U, 49cm	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
CI-BC-4E-00	CONTROL,P25 BASE,LOCAL/REM,E&M	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-R1N-00	SYSTEM REGULATOR,9-11VDC,1 RLY	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E500-00-000	RX,MT-4E,UHF470-520MHz,CLASS B	
UT-4E500-00-800	TRANSMITTR,MT-4E,UHF470-520MHz	

The UHF Base Station provides the following standard features and capabilities:

- Operational across the entire UHF band (470-520 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 496.000 MHz and the Receiver is pretuned to 491.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class B (TIA) Receiver Performance
- 10-17 VDC operation
- Includes an antenna relay
- The Base Station Control Card supports:
  - o Audio routing, COR and PTT routing and front panel control.
  - o It can select up to 32 programmed channels
  - o Front panel selection of clear / secure (encrypted) operation and clear keys operation
  - o Front panel selection of local or remote control of base station functions.

**2.8 DAN-500-008B-DRC**



PART NUMBER	DESCRIPTION	LIST PRICE
DAN-500-008B-DRC	P25 Repeater - 470-520 MHz, 0.5-8 Watts, Class B	\$10,142.55
<b>Includes:</b>		
APP-FIRM01-W-XX	FIRMWARE,MT4E RX, DIGITAL UPG.	
APP-FIRM02-W-XX	FIRMWARE,MT4E TX, DIGITAL UPG.	
CBLC46-12506025	CABLE,RJ45 PLUG-PLUG,8P0S,25CM	
IM4E-CD	ELECTRONIC MANUAL PACKAGE	
SM-3-H0-014-00	SYSTEM REGULATOR,9-11 VDC,14HP	
SR-39-1	SUBRACK, 96 PIN + I/O,STANDARD	
UR-4E500-00-000	RX,MT-4E,UHF470-520MHz,CLASS B	
UT-4E500-00-800	TRANSMITTR,MT-4E,UHF470-520MHz	

The UHF Repeater provides the following standard features and capabilities:

- Operational across the entire UHF band (470-520 MHz)
- Transmitter output is variable between 0.5 – 8 Watts (100% continuous duty)
- The MT-4E transmitter & receivers support P25 digital or analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels.
- Transmitter is pretuned to 496.000 MHz and the Receiver is pretuned to 491.000 MHz
- The transmitter & receiver can be programmed with up to 2 banks of 16 channels each.
- P25 transmitter options such as Frequency, CTCSS, NAC and analog / digital operation are software programmed with the Daniels Radio Service Software package
- Channel Selection - 2.5, 5.0, 6.25 kHz increments
- Class B (TIA) Receiver Performance
- 10-17 VDC operation

**2.9 Digital Modules**

PART NUMBER	DESCRIPTION	LIST PRICE
<b>Product</b>		
APP-FIRM01-W-XX	FIRMWARE (P25 DIGITAL UPGRADE), MT-4E RECEIVER, VER XX	\$2,014.65
APP-FIRM02-W-XX	FIRMWARE (P25 DIGITAL UPGRADE), MT-4E TRANSMITTER, VER XX	\$2,613.60
APP-FIRM30-W-XX	FIRMWARE, REQUIRED WITH ENCRYPT-MT4E-XX	\$272.25
APP-FIRM96-W-XX	FIRMWR, UIC FOR TRUNKING CNTLR	\$1,800.00
APP-TRUNK-01-A	SOFTWARE, TRUNKING CNTLR, 1 CHANNEL > 5	\$1,800.00
APP-TRUNK-05-A	SOFTWARE, TRUNKING CNTLR, 5 CHAN	\$9,000.00
APP-UIC-4-02	SOFTWARE, UIC-4, FIXED STATION INTERFACE	\$1,633.50
CBLC46-KEYLDR-0	ENCRYPTION KEY LOADER CABLE	\$118.80
CI-BC-4E-00	CONTROL, P25 BASE, LOCAL/REM, E&M	\$1,089.00
CI-RC-4L-00	DIGITAL CROSSBAND LOW CURRENT CONTROL CARD	\$683.10
CI-RC-4M-00	CONTROLLER/P25 REPEATER MASTER	\$2,722.50
CI-RC-4M-01	CONTROLLER/P25 RPTR, PACKAGE INCLUDES E&M EXPANSION BOARD AND ANALOG TONE BOARD	\$3,539.25
CI-RC-4M-EM/EXP	EXPANSION/E&M BOARD, CI-RC-4M	\$544.50
CI-RC-4M-TONE	ANALOG TONE BOARD, CI-RC-4M	\$544.50
CT-NETSW-01	NETWORK SWITCH, TRUNKING CNTLR	\$1,980.00
CT-SERVER-01	SERVER, TRUNKING CONTROLLER	\$10,800.00
CT-UPS-1	UPS, NETWORK CARD/RK MT PWR BAR	\$2,970.00
ENCRYPT-MT4E-XX	ENCRYPTION HARDWARE FOR MT-4E RX/TX - (SUBJECT TO EXPORT CONTROLS)	\$1,623.60
IM08-MT-4E-TXRX	MANUAL, MT-4E RECEIVER & TRANSMITTER	\$29.70
IM55-002	MANUAL, P25 BASE CONTROL, CI-BC-4E	\$29.70
IM55-004	MANUAL, RC-4M MULTI LINK CONTROLLER	\$29.70
IM55-CIRC4L	P25 REPEATER CONTROLLER MANUAL	\$29.70
IM57-TRUNK-1	MANUAL, P25 TRUNKING	\$90.00
UIC-4-00	UNIVERSAL INTERFACE CNTRL, 7HP	\$1,905.75

### 3. No Discount

#### 3.1 No Discount Modules

PART NUMBER	DESCRIPTION	LIST PRICE
<b>Product</b>		
ENVTEST AMP	ENVIRONMENTAL TEST OF AMPLIFER	\$227.70
ENVTEST RECEIVER	ENVIRONMENTAL TEST OF RECEIVER	\$163.35
ENVTEST TRANSMITTER	ENVIRONMENTAL TEST OF TRANSMITTER	\$163.35
LABOUR-CONFIG	LABOUR/HR. REQUIRED FOR CUSTOM RADIO DESIGN	\$178.20
LABOUR-SERVICE	LABOUR/HR. FOR REPAIRS, MAINTENANCE ETC.	\$123.75
TRAINING-01	2-DAY COURSE, PER STUDENT, DANIELS LOCATION PRICE PER STUDENT WHICH INCLUDES MANUALS AND COURSE MATERIAL.	\$742.50
TRAINING-02	2-DAY, 8 STUDENT COURSE, CUSTOMER SITE INCLUDES MANUALS AND COURSE MATERIAL FOR UP 8 STUDENTS. HELD AT APPROPRIATE TRAINING FACILITY PROVIDED BY CUSTOMER (WITHIN USA)	\$7,128.00
TRAINING-04	EXTRA DAY COURSE, PER STUDENT, DANIELS LOCATION INCLUDES MANUALS AND COURSE MATERIALS.	\$371.25
TRAINING-05	EXTRA DAY, 8 STUDENTS, CUSTOMER SITE. INCLUDES MANUALS AND COURSE MATERIALS FOR UP TO 8 STUDENTS.	\$1,980.00
TRAINING-06	EXTRA STUDENT, CUSTOMER SITE / PER DAY (PRICE PER EACH ADDITIONAL STUDENT OVER 8) INCLUDES MANUALS AND COURSE MATERIALS	\$148.50



## 4. STANDARD TERMS AND CONDITIONS

*These Terms and Conditions may be superseded by pre-negotiated contracts, standing offers, request for quotations or request for proposals*

### **Delivery**

Typical delivery is within ninety days. Delivery is estimated at the time of quotation based upon current availability. Upon arrival of the order with complete frequency designations, a revised delivery date is calculated. If estimated delivery time exceeds the time on the quote, the customer is notified of the change.

### **Credit Approval**

*United States and Canada:* Orders are subject to the approval of the Credit Department. If Credit is not approved, the terms are Cash in Advance or payment by Visa or Mastercard. Interest at the rate of 2% per month (24% per year) will be added to all past due accounts (accounts over 30 days). Accounts over 60 days will automatically revert to a C.O.D. status until past due billings including interest charges are paid in full. Accounts over 90 days are passed to a collection agency.

*International:* 100% prepaid or payment by VISA, MasterCard or Irrevocable Letter of Credit. Credit terms may be granted by Codan Radio Communications Electronics Ltd. subject to the approval of the Credit Department. The Customer shall pay any and all taxes, excises, or charges, relating to sale of the Products which may be assessed, charged, imposed, levied, or otherwise required to be paid to any public authority.

### **Cancellation/Restocking Charge**

Customers wishing to cancel an order will be charged a fee of 15% of the net purchase price.

### **Quotations**

Valid for 90 days maximum, unless otherwise stated in writing.

### **Shipping**

*United States:* Mode of transportation shall be specified by the Customer for each order and release. If not specified by the Customer, shipment will be BEST WAY as determined by Codan Radio Communications.

*Canada and International:* FCA Victoria

*Partial Shipments:* Codan Radio Communications reserves the right to make partial shipments for which payment shall be made in accordance with Codan Radio Communications' stated terms.

*Claims for Shortages:* Claims for shortages must be made within 30 days from date of shipment.

*Claims for Damages:* Codan Radio Communications shall not be liable for delays in delivery or failure or otherwise to perform any obligation to the Customer due to any cause beyond Codan Radio Communications' reasonable control, including but not limited to, acts of God, acts of civil or military authority, labour disputes, fire, riots, Civil commotion s, sabotage, war, embargo, blockage, floods, earthquakes, epidemics, delays in transportation, or when due to governmental restrictions, car shortages, breakdown of essential machinery, shortage of power, labour, materials and supplies, or failure of Codan Radio Communications' suppliers to deliver. Freight damage/loss claims should be filed with the carrier within 7 days from receipt of order.

### **Return Shipments**

A return material authorization number (RMA) from the factory must be obtained before returning any material for credit or repair. All return shipments shall be freight prepaid. Goods returned are subject to evaluation by Codan Radio Communications factory personnel and credit issued shall reflect condition of goods. Credit is issued only to the original purchaser. Maximum liability shall not in any case exceed the purchase price of the unit.

### **Standard Warranty**

Codan Radio Communications manufactured Products are warranted against defective materials and workmanship for a period of THREE YEARS from the shipment date. This warranty does not extend to damage due to misuse, neglect, accident, improper configuration or installation. It does not extend to damage incurred by natural causes such as lightning, fire or floods, nor to damage such as power surges and/or transients. No person, firm or entity is authorized to assume any other liability for Codan Radio Communications. Codan Radio Communications shall be released from all obligations under its warranty in the event the Products are subject to misuse, neglect, alteration, accident, improper installation or testing, or if un-authorized repairs are performed by the Customer or others.

The provisions of this warranty are in lieu of any other warranty, whether express or implied, written or oral (including any warranty of merchantability or fitness for a particular purpose). Liability arising out of the manufacture, sale or supplying of the products or their use, whether based upon warranty, contract, negligence, product liability or otherwise, shall not exceed the original cost to the customer of the products. In no event shall Codan Radio Communications be liable to the customer, or any other person, firm or entity, for unintended or consequential damages (including, but not limited to, loss of profits or use damages) arising out of the manufacture, sale or supplying of the products.

(Note that an extended warranty may be purchased).

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