

Portables

**ICOM**



www.pciami.com
+1 (305) 822-2258


PORTABLE COMMUNICATIONS, INC
"A Trusted Partner"

F3011 – F4011 Series

Entry Level Analog Portables

SPECS

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W (VHF); 4W (UHF)
Channels:	16
Channel Spacing:	12.5kHz
Mil Spec:	810 C, D, E
Scan:	Normal & priority
Weight:	10.6oz (with BP-232H)
Waterproof Rating:	IP54 dust and splash proof



FEATURES

- Low battery alert with blinking LED & beep
- 3 Buttons
- Talk around function
- 3-color LED (red, green & orange)
- Time out timer
- 2-step power save

SIGNALING

CTCSS / DTCS encode & decode

COMES WITH

- Antenna (FA-SC55V or FA-SC57U)
- Battery (BP-232H)
- Belt Clip (MB-94)
- Rapid Charger (BC-160)
- Owner's manual
- Warranty: 2 years

IP54
DUST PROTECTION
& SPLASH PROOF



OTTO
ACCESSORIES
AVAILABLE

MDC 1200
Compatible

F3001 – F4001 Series

Entry Level Analog Portables

SPECS

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W (VHF); 4W (UHF)
Channels:	16
Channel Spacing:	12.5kHz
Mil Spec:	810 C, D, E
Scan:	Normal & priority
Weight:	11.6oz (with BP-265)
Waterproof Rating:	IP54 dust and splash proof



FEATURES

Low battery alert with blinking LED & beep
3 Buttons
Talk around function
3-color LED (red, green & orange)
Time out timer
2-step power save
Lone worker function

SIGNALING

CTCSS / DTCS Encode/Decode
2-Tone, 5-Tone
MDC1200

- PTT ID
- Emergency Status

COMES WITH

Charger (BC-193)
Antenna (FA-SC55V or FA-SC57U)
Battery (BP-265)
Belt Clip (MB-124)
Owner's manual
Warranty: 2 years

IP54
DUST PROTECTION
& SPLASH PROOF



OTTO
ACCESSORIES
AVAILABLE

MDC 1200
Compatible

F1000/S/T – F2000/S/T Series

Entry Level Analog Portables

SPECS

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W (VHF); 4W (UHF)
Channels:	16 or 128 (S/T)
Channel Spacing:	12.5kHz
Mil Spec:	MIL-STD 810 C,D,D,F,G,
Weight:	8.47oz (with BP-279)
Waterproof Rating:	IP67 dust-tight and waterproof protection
Versions:	With full keypad With simple keypad Without LCD and front keypad



FEATURES

Enhanced emergency with built-in motion sensor
Selective calling, quiet sand-by and more
Channel announcement
Built-in inversion voice scrambler
8 DTMF autodial memories
"Shift key" function increases number of programmable key assignments
Surveillance function
Escalating alarm

SIGNALING

CTCSS / DTCS encode & decode
Built-In 2-Tone, 5-Tone
MDC1200 16 channel version

- PTT ID (transmit only)
- Emergency Call (transmit only)

MDC1200 S/T version

- PTT ID (Tx/Rx)
- Emergency (Tx/Rx)
- Radio check (Rx)
- Stun/revive (Rx)
- Transmit status message
- 100 alias table

COMES WITH

Antenna (FA-SC55V, FA-SC57U or FA-SC72U)
Battery pack (BP-279)
Belt Clip (MB-133)
Warranty: 2 years



F1000D – F2000D Series

IDAS™ Entry Level Portables

SPECS

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W (VHF); 4W (UHF)
Channels:	16
Channel Spacing:	12.5 / 6.25kHz
Mil Spec:	810 C, D, E
Scan:	Normal & priority
Weight:	9.17oz (with BP-280)
Waterproof Rating:	IP67 waterproof and dust tight



FEATURES

General Features:

- IP67 waterproof and dust tight
- Lone worker function
- Channel announcement
- BTL amplifier for loud audio output
- DTMF autodial memories

Digital Features:

- IDAS™ conventional
- IDAS™ single-site trunking
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- PTT ID (TX)
- Individual/group calls
- Radio check (RX)
- Stun/Kill/Revive (RX)
- Remote monitor (RX)
- Emergency (TX)
- Call alert (RX)
- Digital voice scrambler (15-bit)
- Status Call (Power ON/OFF status and GPS request)
- Voting scan for multi-site conventional operation TX: Transmit, RX: Receive

SIGNALING (Analog Only)

CTCSS / DCS / DTMF encode & decode
2/5 Tone encode & decode
MDC1200: PTT ID & emergency call, radio check(RX) and stun/revive (RX)

COMES WITH

Antenna (FA-SC55V, FA-SC57U or FA-SC72U)
Battery (BP-280)
Belt Clip (MB-133)
Owner's manual
Warranty: 2 years



F3201DEX – F4201DEX Series

IECEX/ATEX Intrinsically Safe IDAS VHF/UHF Portables

SPECS

Frequencies:	136-174, 400-470
Output Power:	1W
Channels:	16
Channel Spacing:	12.5 / 6.25kHz
Mil Spec:	801 C, D, E, F, G
Scan:	Normal & Priority
Weight:	1.03lbs
Waterproof Rating:	IP67 dust-tight and water proof



FEATURES

General Features:

- IEC Certifications
 - Mining : Ex ib I Mb
 - Gas : Ex ib IIC T4 Gb
 - Dust : Ex ib IIIC T110°C Db
- ATEX Certifications
 - Mining : I M2 Ex ib I Mb
 - Gas : II 2G Ex ib IIC T4 Gb
 - Dust : II 2D Ex ib IIIC T110°C Db
- Channel announcement
- DTMF autodial
- Three programmable buttons
- Low electrical resistivity body
- Man down & lone worker (analog only)

Digital Features:

- IDAS™ conventional
- IDAS™ single-site type-D trunking
- NXDN® Digital Air Interface

SIGNALING

CTCSS / DCS / DTMF encode & decode (analog)
2/5 Tone encode & decode (analog)
MDC1200 PTT ID & Emergency

COMES WITH

Antenna (FA-SC55V or FA-SC57U)
Battery (BP-227EX)
Belt Clip (MB-94EX)
Charger (BC-212EX)
Owner's Manual
Warranty: 2 years



F3210D – F4210D Series

Entry Level IDAS™ Trunking Portables

SPECS

Frequencies:	136-174, 400-470, 450-512
Output Power:	5W (VHF); 4W (UHF)
Channels:	16
Channel Spacing:	15 / 12.5 / 6.25kHz
Mil Spec:	810 C, D, E and -F
Scan:	Priority/Vote/Roaming scan
Weight:	11.3oz (with MB-124, BP-265)
Waterproof Rating:	IP54 dust and splash proof



FEATURES

General Features:

- 800mW loud audio output from the large 45mm speaker
- Channel announcement
- Internal VOX capability
- Low battery alert
- Time out timer
- Lone worker function
- 2-step power save
- Talk around function
- Surveillance function

Digital Features:

- IDAS™ conventional
- IDAS multi-site and single-site trunking and IDAS multi-site conventional
- PTT ID (TX)
- Block decode
- Radio check (RX)
- Call alert
- Emergency
- GPS (TX with HM-171GP)
- Individual/Group call
- RAN (Radio Access Number)
- Stun/kill/revive (RX)

SIGNALING

CTCSS / DTCS encode & decode (analog only)

COMES WITH

Antenna (FA-SC55V or FA-SC57U)
Battery (BP-265)
Charger (BC-193)
Belt Clip (MB-124)
Owner's manual
Warranty: 2 years

IP54
DUST PROTECTION
& SPLASH PROOF



IDAS™
ICOM DIGITAL ADVANCED SYSTEM

F3230D – F4230D Series

IDAS Trunking Portables

SPECS

Frequencies:	136-174, 400-470, 450-512
Output Power:	5W (VHF); 4W (UHF)
Channels:	128 channels / 8 zones
Channel Spacing:	12.5 / 6.25kHz
LCD Display:	8-character alphanumeric LCD
Mil Spec:	MIL 810G Also meets equivalent MIL-STD-810C, -D, -E and -F
Scan:	Roaming / Voting scan
Weight:	12oz (W/BP-232WP)
Waterproof Rating:	IP67 dust-tight and water proof



FEATURES

General Features:

- Channel announcement
- Low battery alert
- 2-step power save
- Time out timer
- BTL amp with 1000mW audio output
- Lone worker function

Digital Features:

- IDAS™ conventional
- IDAS multi-site and single-site trunking and IDAS multi-site conventional
- Up to 500 individual and up to 500 group ID aliases (Each for single-site/multi-site/conventional)
- PTT ID and ANI
- SDM (Short Data Message)
- Status
- RAN (Radio Access Number)
- Radio check (RX)
- Call alert
- Remote monitor (RX)
- Digital voice scrambler
- ATB (All Trunks Busy) ring back

SIGNALING

CTCSS / DTCS encode & decode (analog only)

COMES WITH

Antenna (FA-SC55V, FA-SC57U or FA-SC72U)

Battery (BP-232WP)

Belt Clip (MB-94R)

Charger (BC-160)

Owner's manual

Warranty: 3 years



F50V/F60V Series

Submersible Analog Portables

SPECS

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	4W (UHF); 5W (VHF)
Channels:	128 With 8 memory banks
Channel Spacing:	12.5kHz
LCD Display:	8 Character
Programmable Keys:	7
Mil Spec:	810 C, D, E
Scan:	Normal & Priority
Weight:	9.9oz (with BP-227) (VHF) 10.0oz (with BP-227) (UHF)
Waterproof Rating:	IPX7 submersible (non V versions) & IP67 submersible (V versions)



FEATURES

F50V/F60V Features:	Conventional analog 700mW AF power w/ BTL amplifier Lone worker function Low battery beep 17 scanning list memories Surveillance function
Voice/Vibrate Features:	Vibration alert function 8 Minute voice recorder Paging function (special firmware required)

COMES WITH

Antenna (FA-S59V, FA-S27U or FA-S56U)
Battery (BP-227)
Belt Clip (MB-98)
Owner's manual
Warranty: 2 years

SIGNALING

CTCSS / DTCS Encode/Decode

Built-In 2-Tone, 5-Tone

- Up to 10 2-tone codes can be decoded on a channel
- Up to 8 5-tone codes can be decoded on a channel
- Programmable items for codes: Beep sound, Answer back, Scan, Bell icon, Radio stun/kill

MDC1200

- PTT ID, Radio check, Caller ID
- Call alert, Selcall
- Emergency, emergency mic monitoring
- Stun/revive, Status/message
- 500 aliases



IPX7



F3161 – F4161 / F3161D – F4161D Series

Analog, LTR®, Digital Portables

SPECS

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W
Channels:	512 / 128 zones
Channel Spacing:	12.5 kHz; 6.25kHz (D versions)
LCD Display:	Full dot-matrix
Programmable Keys:	8
Mil Spec:	810 C, D, E, F
Scan:	Normal & priority
Weight:	12oz (with BP-232H)
Waterproof Rating:	IP55 dust and spraying water protection
Version:	Analog and digital upgradable Analog and digital ready

“D” Signifies IDAS Ready



FEATURES

General Features

- Basic LTR® / conventional analog
- Lone worker function
- 2 step reduced power setting
- Busy, repeater lockout function
- Escalating alarm
- Surveillance function (temp. turns LEDs off)

Digital Features

- IDAS™ conventional
- IDAS multi-site conventional
- IDAS multi-site and single-site type-D trunking Voting mode scanning
- Digital/analog mixed mode
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- Short & long data messages
- 64 Radio Access Numbers (RAN)
- Individual & group selective call
- Strongest site search
- Firmware upgrade over IP
- Configuration over IP

COMES WITH

Antenna (FA-SC55V or FA-SC57U)
Battery (BP-232H)
Belt clip (MB-94)
Owner's manual
Warranty: 3 years

SIGNALING

MDC1200 (analog & LTR)
CTCSS/DCS encode & decode
DTMF decode
2/5 tone encode/decode
PassPort® (F4161S 56 only)

ENCRYPTION

Inversion scrambler built-in
Simple Inversion: UT-109R 32 Codes
Rolling Code: UT-110R 1020 Codes

MULTITRUNK



IP55
DUST & SPRAYING
WATER PROTECTION



OTTO
ACCESSORIES
AVAILABLE

MDC 1200
Compatible

IDAS™
ICOM DIGITAL ADVANCED SYSTEM

F3261D – F4261D Series

Waterproof Analog, LTR®, & IDAS Digital Portables

SPECS

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W
Channels:	512 / 128 zones
Channel Spacing:	12.5 & 6.25kHz
Mil Spec:	810 C, D, E
Scan:	Normal & priority
Weight:	14.1oz (with BP-232WP)
Waterproof Rating:	IP67 submersible & dust protection



FEATURES

General Features

- Basic LTR® / Conventional / IDAS
- GPS built-in
- Lone worker function
- 2 step reduced power setting
- Busy, repeater lockout function
- Escalating alarm
- Surveillance function temporarily turns off the LED backlight and beep sound
- Detects both analog & IDAS conventional signals and automatically selects the transmission mode to reply to received call

Digital Features

- IDAS™ conventional
- IDAS multi-site and single-site trunking and IDAS multi-site conventional
- Voting mode scanning
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- Short & long data messages
- 64 Radio Access Numbers (RAN)
- Individual & group selective call
- Strongest site search

COMES WITH

Antenna (FA-SC55V or FA-SC57U)
Battery (BP-232WP)
Belt clip (MB-94R)
Owner's manual
Warranty: 3 years

SIGNALING

MDC1200 (analog & LTR)
CTCSS/DCS encode & decode
DTMF decode
2/5 tone encode & decode

ENCRYPTION

Inversion scrambler built-in. Digital voice scrambler provides 15-bit key (about 32K codes)



MULTITRUNK



F3360D – F4360D Series

Waterproof Analog, IDAS™ 12.5 kHz & 6.25 kHz Digital & Type-C Trunking

SPECS

Frequencies:	136-174, 400-470MHz
Output Power:	5W
Channels:	512 / 128 zones
Channel Spacing:	12.5 & 6.25kHz
Mil Spec:	810 C, D, E & F
Scan:	Normal & priority
Weight:	14.1oz (with BP-232WP)
Waterproof Rating:	IP67 submersible & dust protection



FEATURES

General Features

- Analog & digital conventional / IDAS mixed mode
- Built-in GPS
- Lone worker function
- 2 step reduced power setting
- Busy, repeater lockout function
- Escalating alarm
- Surveillance function temporarily turns off the LED backlight and beep sound
- Detects both analog & IDAS conventional signals and automatically selects the transmission mode to reply to received call

Digital Features

- IDAS™ conventional
- IDAS Type C trunking
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- Transparent data
- 64 Radio Access Numbers (RAN)
- 1 site and multi-site individual & group call
- Strongest site search
- Forced site search

COMES WITH

Antenna (FA-SC55V or FA-SC57U)
Battery (BP-232WP)
Belt clip (MB-94R)
Owner's manual
Warranty: 3 years

SIGNALING

MDC1200
CTCSS/DCS encode & decode
DTMF decode

ENCRYPTION

Inversion scrambler built-in. Digital voice scrambler provides 15-bit key (about 32K codes)



F3400D – F4400D Series

VHF UHF Digital Handheld Transceiver

SPECS

Frequencies:	136-174, 380-470, 450-512MHz
Output Power:	5W
Channels:	32 channels w/2 zones (F3400D), 1024 channels w/128 zones (F3400DS/DT)
Channel Spacing:	12.5 & 6.25kHz
Mil Spec:	C, D, E, F, G
Weight:	6.4oz (main unit without battery pack and antenna)
Waterproof Rating:	IP68
Versions:	With full keypad With simple keypad Without LCD and front keypad



FEATURES

General Features

- Basic LTR® / Conventional / IDAS
- GPS built-in
- Bluetooth™ built-in
- Intuitive user interface
- High-resolution color LCD
- Digital voice recorder – record up to 500 hours with 32GB microSD card
- Man down, motion detection, stationary detection, lone worker and power OFF emergency
- AquaQuake™
- Audio equalizer*

Digital Features

- IDAS™ conventional
- IDAS single-site and multi-site Type D trunking (optional upgrade)
- IDAS single-site and multi-site Type C trunking (optional upgrade)*
- Voting mode scanning
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- Individual & group selective call
- Strongest site search
- Over-the-Air Programming (requires software & license)*

COMES WITH

Battery Pack (BP-283)
Belt clip (MB-133)
Antenna & charger purchased separately
Owner's manual
Warranty: 3 years

ANALOG SIGNALING

2-tone, 5-tone, CTCSS and DTCS built-in
DTMF autodial and DTMF decode
MDC1200 compatible

ENCRYPTION

AES/DES UT-134
Over-the-Air Rekeying (requires license)*

*Future Availability



MULTITRUNK



IDAS™
ICOM DIGITAL ADVANCED SYSTEM

F70/F80 – F70D/F80D Series

High End Analog, P25 Conventional, I.S. and FIPS Portables

SPECS

Frequencies:	136-174, 380-450, 400-470, 450-512MHz
Output Power:	4W (UHF); 5W (VHF)
Channels:	256 with 32 zones
Channel Spacing:	12.5kHz
LCD Display:	Full dot matrix, switchable 1 line 12 character or 2 line 24 character
Programmable Keys:	8
Mil Spec:	810 C, D, E
Scan:	Normal, priority & dual priority
Waterproof Rating:	IPX7 submersible
Weight:	14.1oz (with BP-253) 15.9oz (with BP-254)
Intrinsically Safe:	Yes on specific versions
Versions:	Analog only (upgradeable to P25) P25 ready (D versions) P25 ready with FIPS



FEATURES

Tactical group function
Mixed mode operation
Radio stun/kill function (analog only) and Power on password
Built-in audio compander (analog only)
Unit Down: UT-124
2 Step power saver
Busy, repeater lockout functions
Selective call / individual call using
Unit ID & talkgroup ID

SIGNALING

CTCSS / DTCS encode & decode

2-Tone, 5-Tone

- Up to 10 2-tone codes can be decoded on a channel
- Up to 8 5-tone codes can be decoded on a channel
- Programmable items for codes: Beep sound, Answer back, Scan, Bell icon, Radio stun/kill

DTMF

MDC1200

- PTT I/Caller ID, selective call, radio check, call alert
- Emergency, emergency mic monitoring
- Stun/revive, call log, status/message
- 500 aliases

COMES WITH

Antenna (FA-SC55V or FA-SC57U)
Battery
P25/analog (BP-253)
FIPS versions (BP-254)
Belt Clip (MB-94)
Owner's manual
Warranty: 2-Year (F70/F80)
3-Year (F70D/80D)

ENCRYPTION

Analog Only:

Simple Inversion: UT-109 32 Codes

Rolling Code: UT-110 1020 Codes

Digital Only:

AES & DES upgrade options

IPX7



OTTO
ACCESSORIES
AVAILABLE

MDC 1200
Compatible

F9011 – F9021 Series

P25 Digital & Analog Portables

SPECS

Frequencies:	136-174, 380-470, 450-520MHz
Output Power:	6W (VHF); 5W (UHF)
Channels:	512 / 128 zones
Channel Spacing:	15 / 30kHz (analog) 12.5kHz (digital)
Display:	Dot matrix with backlighting
Programmable Keys:	12 buttons, 1 toggle, 1 3-position switch
Mil Spec:	810 C, D, E
Scan:	Normal, priority & dual priority
Waterproof Rating:	IP57 submersible
Weight:	1.17lb (with BP-254)
Versions:	No display, no keypad Display, no DTMF keypad Display, full DTMF keypad



FEATURES

General Features:

- 100 individual ID and 250 talkgroup ID memories
- 4-way navigational cross keypad (S & T versions)
- Encryption toggle
- 3-position zone select switch
- Tactical group function
- Scan settings – dual priority, mode dependent, talk back and more
- Man down option
- 14 pin accessory connector with programmable key assign
- Built-in audio compander (analog only)

P25 Digital Features:

- P25 digital conventional
- P25 digital trunking option
- DVSI's AMBE+2™ vocoder
- Digital/analog mixed mode operation
- P25 OTAR option

Compliant Standards:

- TIA/EIA TSB 102. CAAB compliant
- NTIA VHF specification compliant
- FIPS 140-2 (level 1) certified AES encryption

COMES WITH

Antenna

- 136-174: FA-S65V
- 380-470: FA-S30U
- 450-520: FA-S75U

Battery (BP-254)

Belt Clip (MB-115)

Owner's manual

Warranty: 3 years

ENCRYPTION

DES: UT-128

AES/DES: UT-125

AES FIPS: UT-125 FIPS

SIGNALING

CTCSS / DCS encode & decode (analog only)

2 Tone endocer and decoder (analog only)

DTMF autodial (analog only)

MDC1200 (analog only)



4088A

FRS UHF FM Transceiver

SPECS & FEATURES

Output Power: 1/2W
Channels: 14, 38 group codes

Other Features: 38 CTCSS frequencies
Easy to operate
Water resistant
Requires no license fees
High performance antenna
Built-in voice scrambler

WARRANTY

2-Year

