

Unity Portable

Parts and Accessories Quick Reference Guide

QUICK PICKS

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Unity XG-100P Portable

QUICK REFERENCE GUIDE REVISION HISTORY (ECR-7697)

Rev. (-)	Initial release
Rev. A	Supercede 12082-1520-02 with 12082-1520-03; added new batteries, speaker mics, subminiature remote control options, 6 inch antenna; added option XPHC3U Belt Loop, Leather, with D-Swivel; added VC4000 service parts
Rev. B	Added A30-0958-001 flash drive, battery eliminator BKB191210/7, added additional product manuals.
Rev. C	Added 6-pin Hirose adapter 14002-0197-01; Added right angle speaker mic LS103239V2; added Belt Loop,Leather,Premium XP-HC4A (14002-0218-01); added Premium Case,Leather,w/Belt Loop XP-HC4F (14002-0215-05) ; added Premium Case,Leather,w/Shoulder Strap XP-HC4G (14002-0215-06); added Premium Radio Retention Cord 14002-0187-10; added covert Bluetooth speaker mic XP-AE1S (12082-0684-01); added Headset,Boom Mic,Earpiece,w/PTT XP-AE1H (12082-0650-16); added Oversized Knob Kit XP-ZN2U (12082-1521-01)
Rev. D	Added Insert Knob Kit 12082-1522-01; added multiple headset options; added fire speaker mic XP-AE1T (12150-1000-01); added high visibility fire speaker mic XP-AE1X (12150-1000-05)
Rev. E	Added several service parts for multi-charger 12082-0314-01; updated HazLoc part numbers; added remote fire speaker mic belt clip A06-0009-016; added Li-Ion/Polymer battery charger option XP-CH5A; added Bluetooth wireless speaker mic option XP-AE1V; added PTT side paddle 12082-7800-05; added battery conditioner part numbers;

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Antennas



No Longer Available

XPNC8A
(12082-0250-01*)

Antenna, Unity, 136-870 MHz, Helical

(*No longer available,
supercede to **12082-0250-02**)



XPNC8B
(12082-0250-02)

Flexible Ant, Unity, 136-870 MHz,
Helical, **FM**



XPNC8C
(12082-0295-01)

6" Antenna, Unity, 160-870 MHz,
Helical, **FM**

ANTENNA PART LEGEND

PART #	LENGTH (Inches)
12082-0250-01	9.43" $\pm$ 0.05
12082-0250-02	9.0" $\pm$ 0.05
12082-0295-01	6.35" $\pm$ 0.05

Batteries



XPPA3A
(12082-0300-01)

Battery, Li-Polymer, 3600 mAh



XPPA7Y
(BKB191210/36)

Battery, NiMH, 2400 mAh, **FM**



XPPA2H
(BT-013259-001)

Battery, Clam Shell, Alkaline AA



XPPA3C
(12082-0304-01)

Battery, Li-Ion 3100 mAh, **FM**



View of back of battery

Battery Chargers | Wall Mount Kit



XPCH4A
(12082-0312-01)
Charger, 1-Bay, Tri-Chem



XPCH4B*
(12082-0314-01)
Charger, 6-Bay

*Pending obsolescence
supersede to Option **XP-CH5A**

(Not for use with NiCd and NiMH batteries)



XP-CH5A
(14035-1800-02)
Charger, 6-Bay, Li-ion/Polymer



XPAE4A
(12082-0315-01)
Wall Mount Kit, Charger, 6-Bay

(For use with 6-bay charger **12082-0314-01**)

Kit Contains:

- Qty (2) wall anchors
- Qty (4) wood self tap screws
- Qty (1) charge indicator label
- Qty (1) Harris logo label
- Qty (8) Truss head self tap screws

Battery Charger 12082-0314-01 | Parts

NOTE: for use in field repair of out-of-warranty multi-bay charger 12082-0314-01 ONLY.



14002-0222-01
PCB Assembly, LMR6, 6 Bay



14002-0222-02
LED Assembly, LMR6, 6 Bay



14002-0222-03
Power Supply, PFC UNIV I/P, RH



14002-0222-05
Assembly, Cable, Input, AC, LMR6



Bottom view of adapter

14002-0222-12
6 Bay charger adapter



14002-0222-06
DC Output Cable Assembly, LMR6



14002-0222-11
Power Cord

Continued on next page

Battery Charger 12082-0314-01 | Parts

NOTE: for use in field repair of out-of-warranty multi-bay charger 12082-0314-01 ONLY.

**14002-0222-07**

Assembly, Cable, Adapter, Battery, 1&2, RH

**14002-0222-13**

Feet, Rubber, Black

**14002-0222-14**

Wire Saddle

**14002-0222-15**

Cable Clamp

14002-0222-08

Assembly, Cable, Adapter, Battery, 3&4, RH

14002-0222-09

Assembly, Cable, Adapter, Battery, 5&6, RH

14002-0222-10

Assembly, Cable, Adapter, LED

**14002-0222-16**

Dust Cap

**14002-0222-17**

Screw, #4, 5/8

**14002-0222-18**

Screw, #4, 1/4

**14002-0222-19**

Screw, #4, 1/2

Battery Charger/Analyzer/Conditioners



BC3506QP-5

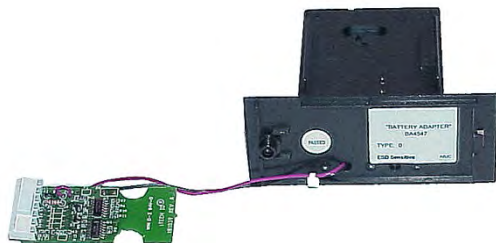
Charger, Tester/Cond Battery IQ 5-System

Battery Conditioner/Analyzer, 6 Bays
(Requires NiMH Sleeve Shown Below)



CADEX-7400

Analyzer, Battery, Cadex, 4-Bay



BA4547

Adapter, NiMH Battery Conditioner

(Adapter For IQ 5 System)



Cadex-C7 Adapter

Adapter, Pocket, C7

VC4000 Vehicular Charger

XPCH4J
(12082-0318-01)
Charger, VC4000, Unity



XPPS9X
(PS-007810-001)
Power Adapter Kit, VC4000 Charger

(Includes Optional DC Cigarette Lighter adapter and
AC adapter for use as a desktop charger)

Speaker Microphones



XPAE9N
(12082-0600-01)
Speaker Microphone, **FM**



XPAE4B
(12082-0600-02)
Speaker Microphone,
Emergency Button, **FM**



XP-CJ4B
(14002-0197-01)
Adapter, 6 pin Hirose



XP-AE1T
(12150-1000-01)
Premium Fire Speaker Mic, Noise
Cancelling, **FM**



XP-AE1X
(12150-1000-05)
Premium Fire Speaker Mic, Noise
Cancelling, High Visibility Yellow, **FM**



A06-0009-016
Clip, Belt, Fire Speaker Mic

Speaker Microphones | Bluetooth



Back View

**XP-AE1V**
(12082-0800-02)

Wireless Remote Speaker Mic,
Advanced,Bluetooth

**XP-AE1S**
(12082-0684-01)

Earpiece/Mic/PTT,Covert,Bluetooth

**XP-AE6K***
(12082-0681-01)

Speakermic,Wireless,Bluetooth

(*Pending obsolescence, supersede to **XP-AE1V**)

Subminiature Remote Control Options



XPAE6G
(12082-0650-01)

Microphone, Palm, 2 Wire, Black, **FM**



XPAE6M
(12082-0650-02)

Microphone, Palm, 2 Wire, Beige



XPAE6H
(12082-0650-03)

Microphone, Mini-Lapel, 3 Wire, Black



XPAE6N
(12082-0650-04)

Microphone, Mini-Lapel, 3 Wire, Beige



XPAE3Z
(LS103239V1)

Earphone, Lapel Microphone, 2.5mm, **FM**

For use with Speaker/Mics that have earphone jack. **[FM]**



XPAE1K
(LS103239V2)

Earphone, Speaker, Microphone,
Right Angle, 2.5mm **Only**

For use with Speaker/Mics that have earphone jack

Audio Accessories



XP-AE1H
(12082-0650-16)
Headset, Tactical, Boom
Mic, Earpiece, w/PTT



XP-AE1L
(12082-0650-17)
Skull Mic, w/Body PTT & Earcup



XP-AE1M
(12082-0650-18)
Throat Mic, w/Acoustic tube & Body PTT



XP-AE1N
(12082-0650-19)
Throat Mic, w/Acoustic tube,
Body & Ring PTT



XP-AE1P
(12082-0650-13)
Headset, Heavy Duty, Behind-the-head
w/PTT



XP-AE1R
(12082-0650-14)
Headset, Heavy Duty, Over-the-head
w/PTT

Audio Accessories



XP-AE2A
(12082-0650-07)

Headset, In-Ear, Boom Mic, In-Line PTT



XP-AE2B
(12082-0650-08)

Headset, Lightweight, Over-the-Head
Single Ear, In-Line PTT



XP-AE2C
(12082-0650-09)

Headset, Lightweight, Behind-the-Head
Dual Ear, In-Line PTT



XP-AE2D
(12082-0650-10)

Headset, Lightweight, Behind-the-Head, Dual Ear, Pigtail PTT



XP-AE2E
(12082-0650-11)

Headset, Lightweight, Behind-the-Head,
Dual In-Ear, In-Line PTT



XP-AE2F
(12082-0650-12)

Headset, Lightweight, Behind-the-Head,
Dual In-Ear, Pigtail PTT



XP-AE2G
(12082-0650-15)

Headset, Behind-the-Head, Boom Mic, Earpiece, w/PTT

Replacement Parts for Headset Accessories

Note: All Vendor Part Numbers shown below are only orderable through the vendor OTTO.

Harris Headset Part #	DESCRIPTION	Vendor Part #
12082-0650-15	Foam Microphone Windscreen (5) Foam Earphone Covers (5)	Similar to OTTO C807097-05 Similar to OTTO C807098-05
12082-0650-09 & 12082-0650-10	Foam Microphone Windscreen (5) Clothing Clip (5) Ear Pad (5) Temple Pad (5)	Similar to OTTO C807055-05 Similar to OTTO C100870-05 Similar to OTTO C807057-05 Similar to OTTO C807058-05
12082-0650-08	Foam Microphone Windscreen (5) Foam Earphone Cushions (2)	Similar to OTTO C807027-05 Similar to OTTO C807028-02
12082-0650-11 & 12082-0650-12	Temple Pads (Pack of 2) Windscreen (Pack of 5) Clothing Clip (Pack of 5) NoisEzSM Ear Tips-Noise Attenuating (Pack of 2) Flexible Open Ear Inserts, Right Medium Flexible Open Ear Inserts, Left Medium Clear Eartips (Pack of 10)	Similar to OTTO C101518 Similar to OTTO C807055-05 Similar to OTTO C100870-05 Similar to OTTO C101519 Similar to OTTO C806573-RM Similar to OTTO C806573-LM Similar to OTTO C100569
12082-0650-13& 12082-0650-14	Microphone Windscreen (5) "O" Ring for Windscreen (5) Earseal Cushions (2) Cloth Cover for Earseals (2) Knurled Boom Screws (5) Adjustable Headstrap (1) Mic Cable with Connector (1) Mic Elements with Cartridge (1)	Similar to OTTO C807007-05 Similar to OTTO C807006-005 Similar to OTTO C807009-02 Similar to OTTO C807008-02 Similar to OTTO C10-761-05 Similar to OTTO C760004 Similar to OTTO C910336 Similar to OTTO C816028

Carrying Cases



XPHC3A

(12082-0500-01)

Case, Leather, Full, T-Strap



XPHC3B

(12082-0501-01)

Case, Leather, Half, T-Strap



XPHC3C

(12082-0502-01)

Case, Leather, Full, 2.5 inch Loop

12082-0502-01 - Kit Contains:

12082-9990-01

Case, Full Face Leather

12082-9990-03

Belt Loop, 2.5



XPHC3D

(12082-0502-02)

Case, Leather, Full, 3 inch Loop



XPHC3E

(12082-0507-01)

Case, Leather, Half, 2.5 inch Loop



XPHC3F

(12082-0507-02)

Case, Leather, Half, 3 inch Loop

12082-0502-02 - Kit Contains:

12082-9990-01

Case, Full Face Leather

CC-014527

3" Belt Loop, Standard, Leather

12082-0507-01 - Kit Contains:

12082-9990-02

Case, Half Face Leather

12082-9990-03

2.5" Belt Loop, Stnd, Leather

12082-0507-02 - Kit Contains:

12082-9990-02

Case, Full Face Leather

CC-014527

3" Belt Loop, Standard, Leather

Carrying Cases | Premium

**XP-HC4F**
(14002-0215-05)

Premium Case, Leather, w/Belt Loop

14002-0215-05 - Kit Contains:

- 14002-0187-05** Unity Premium Leather Case
- 14002-0218-01** Premium Leather Belt Loop
- 12082-3230-01** D-Swivel Mount

**XP-HC4G**
(14002-0215-06)

Premium Case, Leather, w/Shoulder Strap

14002-0215-06 - Kit Contains:

- 14002-0187-06** Unity Premium Leather Case with D-Rings
- CC103333V1** Shoulder Strap
- 12082-3230-01** D-Swivel Mount

Carrying Cases | T-Strap

**XPHC3G****(12082-0510-01)**

Case, Nylon, Full, T-Strap

**XPHC3H****(12082-0512-01)**

Case, Nylon, Window, T-Strap

Carrying Case Accessories



XPHC3K
(12082-0504-01)
Strap, Nylon



XPHC3L
(12082-1290-01)
Belt Clip



XPHC3J
(12082-0505-01)
Strap, Leather



KRY1011609/1
Belt Loop, Leather



12082-3230-01
Clip, D-Swivel



XPHC3U
Belt Loop, Leather, with D-Swivel

KRY1011609/1 Belt Loop, Leather
12082-3230-01 Clip, D-Swivel



XP-HC4A
(14002-0218-01)
Belt Loop, Leather, Premium



14002-0187-10
Retention Cord, Radio, Premium



Inside View



Outside View

12082-1398-01

XG-100P Side Connector Cover



12082-1406-01

XG-100P Rear Cap



12082-1413-02

XG-100P Belt Clip Slot Filler



12082-1522-01

Kit,Knob Insert,20 pack



12082-1415-01

XG-100P Rear Cap Screw



12082-7800-05

PTT Paddle,Side Control

12082-1520-03

XG-100P Knob Replacement Kit

Note: Part Number 12082-1520-03 consists of all items on page.
Underlying parts shown below are not available individually



12082-1368-01
Volume Knob



12082-1893-01
Frequency Knob



12082-1369-01
Knob Insert



12082-1374-01
Frequency Selection Ring



12082-1377-01
Concentric Volume Knob



12082-1477-01
Concentric Volume Knob



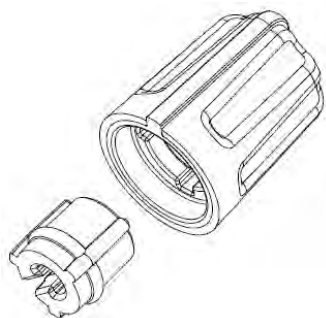
12082-1478-01
Concentric Frequency Knob



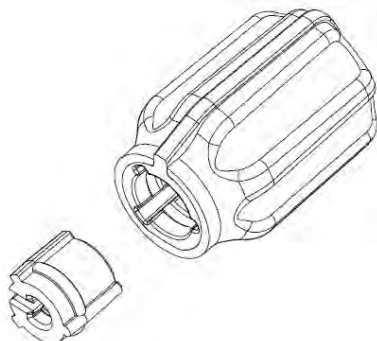
12082-1378-01
Concentric Frequency Knob

XP-ZN2U (12082-1521-01) XG-100P Oversize Knob Kit

Note: Part Number 12082-1521-01 consists of all items on page.
Underlying parts shown below are not available individually



12082-1387-01
Oversized Volume Knob



12082-1992-01
Oversized Frequency Knob



12082-1377-01
Concentric Volume Knob



12082-1378-01
Concentric Frequency Knob



12082-1477-01
Concentric Volume Knob



12082-1478-01
Concentric Frequency Knob



12082-1374-01
Frequency Selection Ring



14221-1100-4100
Installation Guide



TQS3385*

Software, Radio Personality Manager

(*Supersede to part number **SS-SW1E**)

TQS3389†

Software, Conventional Radio
Personality Manager

(†Supersede to part number **SS-SW1C**)



TQS3416

Software, Key Admin

(NOTE: Keycards and Keycard Readers are not required if using Key Manager Software version R6A or later.)



A30-0958-001*

2GB USB Flash Drive, Encrypted,
(FIPS 140-2 Level 3)

*Discontinued, supersede to **A30-0958-002**

(NOTE: For customers who require a secure physical device to store and transport key files)



MATQ-03424

Audio Test Box



BKB191210/7

Battery Eliminator

Cables



XPCJ3A
(12082-0410-A1)

Cable,USB,Key Loading/Programming



XPCJ3B
(12082-0400-A1)
Cable,KVL,Key Loading



XPCJ4A
(12082-0445-A1)
Cable,Data Interface Unity



12082-0435-A1
Cable,MATQ-03424,Test,Unity



12082-0415-A1
Cable,Assembly,TTL/USB
Programming



12082-0430-A1
Cable Assembly,Accessory,Factory

UNITY XG-100P Portable			
Model Number	Radio Unit Number	Operating Frequency	Operating Mode
All models below include the P25 Conventional Operational Mode Package			
XP-100F	12082-1000-01	136-870 MHz, Immersible	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-D01	12082-1000-01	136-520 MHz, Immersible	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-D02	12082-1000-01	136-174; 762-870 MHz, Immersible	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-D03	12082-1000-01	380-870 MHz, Immersible	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-IS	12082-1000-11	136-870 MHz, <IS>	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-D01-IS	12082-1000-11	136-520 MHz, <IS>	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-D02-IS	12082-1000-11	136-174; 762-870 MHz, <IS>	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-D03-IS	12082-1000-11	380-520; 762-870 MHz, <IS>	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
All models below include the Analog Conventional, P25 Conventional, and P25 Trunking Operational Mode Packages			
XP-100F-S11	12082-1000-01	136-174 MHz, SB-PKG1	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-S12	12082-1000-01	380-520 MHz, SB-PKG2	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-S13	12082-1000-01	762-870 MHz, SB-PKG3	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-S11-IS	12082-1000-11	136-174 MHz, SB-PKG1, <IS>	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-S12-IS	12082-1000-11	380-520 MHz, SB-PKG2, <IS>	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems
XP-100F-S13-IS	12082-1000-11	762-870 MHz, SB-PKG3, <IS>	P25 Trunking, P25 ^{IP} Conventional, and Conventional systems

<u>Manual Number</u>	<u>Description</u>	<u>Manual Type</u>
10515-0372-4200	Unity XG-100P Series Portable Radios	Operator's Manual
10515-0372-4000	Unity XG-100P Series Portable Radios	Product Safety Manual
10515-0372-4100	Unity XG-100P Series Portable Radios	Quick Guide
14221-1100-2000	Six-Bay Li-ion/Polymer Battery Charger	Operator's Manual
14221-1600-2120	Six-Bay Li-ion/Polymer Battery Charger	Operator's Manual
14221-1100-4000	Six Bay Li-Ion/Polymer Battery Charger Wall Mount Kit	Installation Guide
14221-1100-4020	XG-100P Knob Replacement KIT 12082-1520-03	Installation Guide
14221-1100-4100	XG-100P Oversize Knob Kit 12082-1521-01	Installation Guide
14221-1600-2030	Unity VC4000 Vehicular Charger	Operator Manual
10515-0372-4010	Unity XG-100P Battery Charger	Operator's Manual
10515-0387-4100	Unity XG-100P Smart Battery Charger	Operation Guide
14221-1600-1000	Unity Speaker Microphone	Quick Guide
14221-1600-2000	Bluetooth Speaker Microphone	User Manual
14221-1600-2040	Harris Covert Bluetooth Microphone with Earpiece	User Manual
14221-1600-6000	Audio Accessories For Unity Portable Radios	Product Manual
14221-1600-2060	Fire Remote Speaker Microphone	Application Note
14221-1600-6010	Fire Remote Speaker Microphone	Product Manual

The manuals listed above are located on Tech-Link (<https://premier.pspc.harris.com/infocenter/>) under the Technical Manual Library hyperlink. Those listed below, with orderable option numbers, can be ordered through 1-800-528-7711, Option 9

MM100XP (Orderable Option) for Full-Spectrum Multiband printed set includes the following manuals:

14221-1100-5000	Unity XG-100P Full-Spectrum Multiband Portable Radio	Maintenance Manual
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