Comm Innovations

Adaptors

Pambry House | Units 7 & 8 | Ventura Centre
Upton Industrial Estate | Poole | Dorset | BH16 5SW

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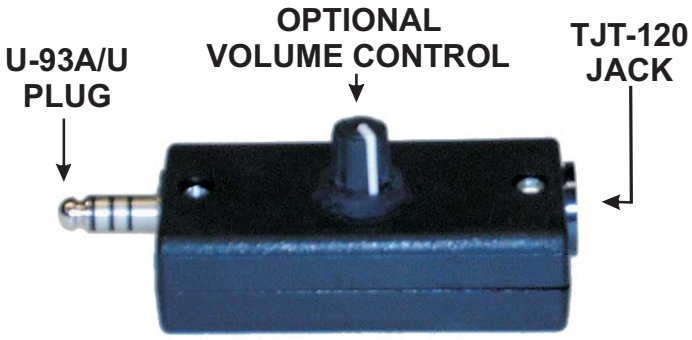
Email sales@pambry.co.uk

PAMBRY
ELECTRONICS LTD

www.pambry.co.uk

LOW TO HIGH IMPEDANCE ADAPTERS

LOW IMPEDANCE MILITARY HEADSETS USED IN CIVILIAN AIRCRAFT



RECTANGULAR CASE
3/4" x 1 5/8" x 3"

ROUND TUBULAR CASE
3/4" diameter x 4"

Baseline Price $150

CILH ☐ ☐ ☐ ☐ — 93

Shielding		
code	description	add
none	adjustable* amp and shielded transformer	n/c
S	shielded amp and transformer	$10

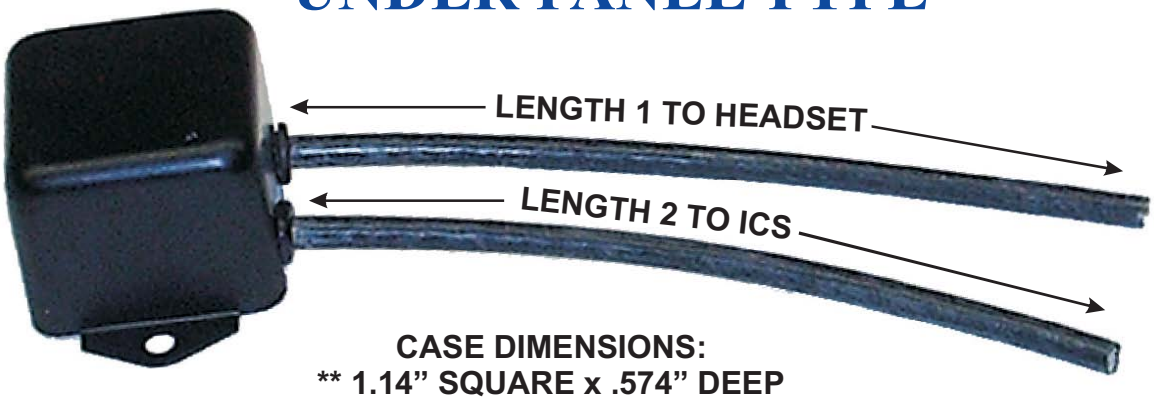
Case & Clip			
code	type	clip	add $
none	rectangular	no	$10
C	rectangular	yes	$30
R	round*	no	$0

Impedance	
none	8 to 150
6	8 to 600

Volume Control *		
code	ground	add $
none	n/a	n/c
V	yes	$25
VA	no	$25

* adjustable amp and volume control are not available with round case

UNDER PANEL TYPE



CASE DIMENSIONS:
** 1.14" SQUARE x .574" DEEP
*** 1.42" SQUARE X 1.10" DEEP

Baseline Price $140

CILH ☐ — X ☐ / ☐

Shielding		
code	description	add
none	shielded transformer**	n/c
J	adjustable amp and shielded transformer**	$10
S	shielded amp and transformer***	$20

Length 1*		
code	length	add
OXX	XX inches	$0.20/in
X	X ft	$2/ft

Length 2*		
code	length	add
OXX	XX inches	$0.20/in
X	X ft	$2/ft

HIGH TO LOW IMPEDANCE ADAPTERS

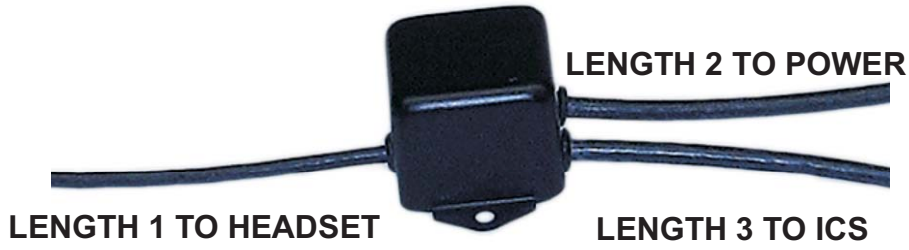
HIGH IMPEDANCE CIVILIAN HEADSETS USED IN MILITARY AIRCRAFT

Civilian ICS (Inter Communication Systems) are designed to be compatible with high impedance headsets with amplified microphones. Military ICS systems are configured to accept low impedance headsets with unamplified microphones. The CIHL series Adapters are designed to interface high impedance headsets to operate with military ICS systems.

UNDER PANEL TYPE

WITH POWER REGULATION PROTECTION

CASE DIMENSIONS
**** 1.424" SQUARE x 1.10" DEEP**



ATTENATION ADJUSTMENT

Baseline Price $150

CIHL — X — ☐ ☐ / ☐ / ☐

Length 1		
code	length	add
0XX	XX inches	n/c
X	X ft	$2/ft

Headset	
code	description
none	standard
R	ANR*

Length 2		
code	length	add
0XX	XX inches	n/c
X	X ft	$2/ft

Length 3		
code	length	add
0XX	XX inches	n/c
X	X ft	$2/ft

* aircraft powered ANR headset

HIGH TO LOW IMPEDANCE ADAPTERS

HIGH IMPEDANCE CIVILIAN HEADSETS USED IN MILITARY AIRCRAFT

IN-LINE TYPE BATTERY POWERED

Baseline Price $150

CIHL [ ] [ ] [ ] [ ] — [ ]

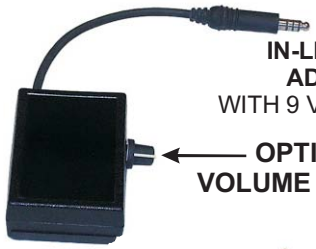
Jack		
code	description	add
TJ	TJT-120 (civil helo)	n/c
GJ	CIJ-055 & CI-068 (gen'l aviation)	$10

Clothing Clip		
code	description	add
none	no	n/c
Y	yes	$20

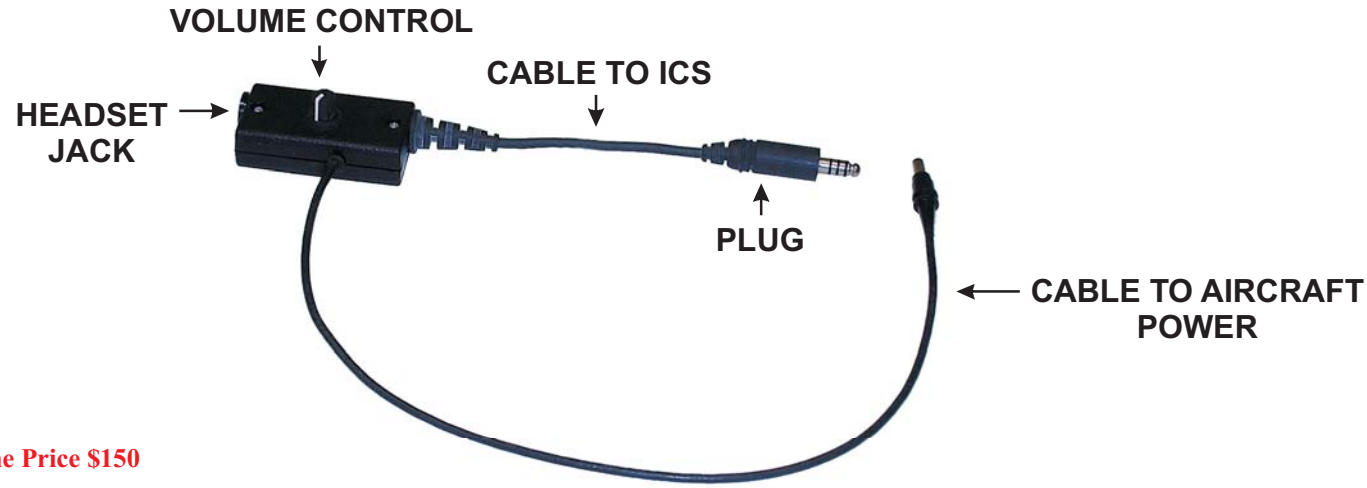
Cable & Length		
code	description	add
K2	2 ft coil	$20
KM	3 ft **	$25
K3	3 ft coil	$25
K6	6 ft coil	$30
K10	10 ft coil	$40
K15	15 ft coil	$60
/XX	XXft str't	$2/ft
/0XX	XX inch str't	$.20/in

Power *		
code	description	add
none	9VDC battery	n/c
R	rechargeable battery	$40

Volume Control		
code	ground	add
none	n/a	n/c
V	yes	$25
VA	no	$25



IN-LINE TYPE AIRCRAFT POWERED



Baseline Price $150

CIHL [ ] [ ] [ ] [ ] [ ] — [ ]

Power *		
code	description	add
B	9VDC battery	n/c
C	cigarette lighter	n/c
E*	*regulated a/c power	n/c
F*	*unregulated a/c power	$20

Jack		
code	description	add
TJ	TJT-120 (civil helo)	n/c
GJ	CIJ-055 & CI-068 (gen'l aviation)	$10

Clothing Clip		
code	description	add
none	no	n/c
C	yes	$10

Volume Control		
code	ground	add
none	n/a	n/c
V	yes	$25
VA	no	$25

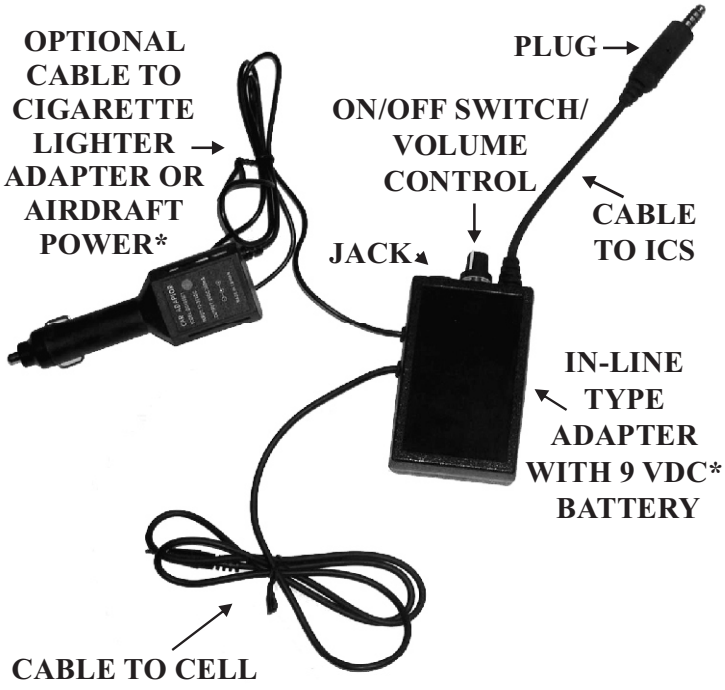
Cable & Length		
code	description	add
K2	2 ft coil	$20
KM	3 ft **	$25
K3	3 ft coil	$25
K6	6 ft coil	$30
K10	10 ft coil	$40
K15	15 ft coil	$60
/XX	XXft str't	$2/ft
/OXX	XX inch str't	$0.20/in

** Plug on power cable is 2.5 mm ID and 5.5 mm OD unless otherwise specified. Mating panel mount jack p/n CIJPM-DC available separately ($15)

IN-LINE CELL PHONE ADAPTERS
USING STANDARD AVIATION HEADSET

In-line Cell Phone Adapters

This style adapter is intended for use in-line between the headset and ICS and is powered* by battery, cigarette lighter adapter or aircraft power (300ma @ 9VDC regulated or 28 VDC unregulated). Override priority is optional. (ICS/ Radio over cell or vice versa).



Base line price $225

CICPA - [ ] [ ] [ ] [ ] [ ] [ ] — [ ]

Power*		
code	description	add
B	9VDC battery	n/c
R***	rechargeable battery	n/c
C	cigarette lighter	n/c
E*	*regulated a/c power	n/c
F*	*unregulated a/c power	$20

Clothing Clip		
code	desc'n	add
none	no	n/c
Y	yes	$20

Override Priority		
code	description	add
none	none	n/c
P	cell	$50
R	ICS	$50

Cable (to ICS)			
code	type	length	add
none	straight	6 inches	n/c
OXX	straight	XX inches	$2/ft
X	straight	X feet	$2/ft
K3	coiled	3 feet	$25
K6	coiled	6 feet	$30

Headset Type			
code	description	jack	plug
H	Helicopter	TJT-120	TP-120
G	General Aviation	CIJ-055	CIPC-055

*Cable (to power)		
code	description	add
none	3 ft	n/c
X	"X" ft	$2/ft

longer length available upon request

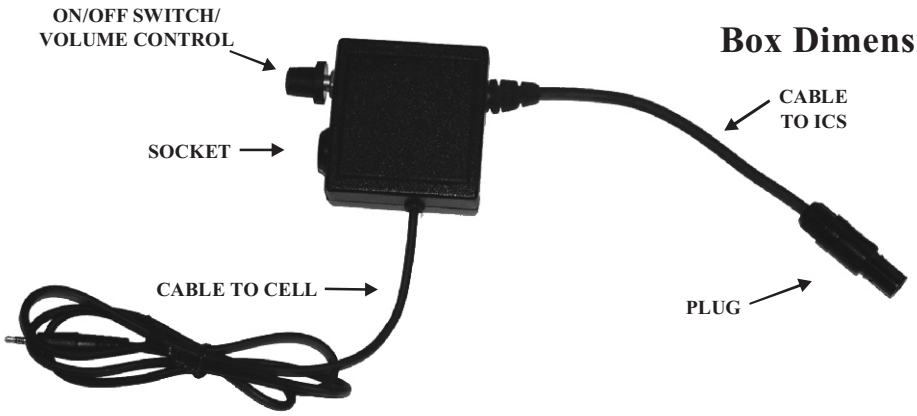
Cable (to Cell)		
code	description	add
none	3 ft w/2.5mm plug	n/c
/X	"X"ft w/2.5mm plug	$2/ft
/Q	3 ft w/3.5mm plug**	n/c
/XQ	"X"ft w/3.5mm plug**	$2/ft

* Plug on power cable is 2.5 mm ID and 5.5 mm OD unless otherwise specified. Mating panel mount jack p/n CIJPM-DC available separately ($15)
** 4 contact 3.5mm plug used with Blackberry (phones only) mike does not work at all times
*** Charger included

IN-LINE CELL PHONE ADAPTERS

USING AIRCRAFT POWERED ANR HEADSETS WITHOUT PRIORITY OVERRIDE

This style adapter is intended for use between an aircraft powered ANR headset and the ICS.



Box Dimensions 2 1/4” x 2 1/4” x 1”

CICPA-A- ☐ ☐ ☐ — ☐

Base line price $200

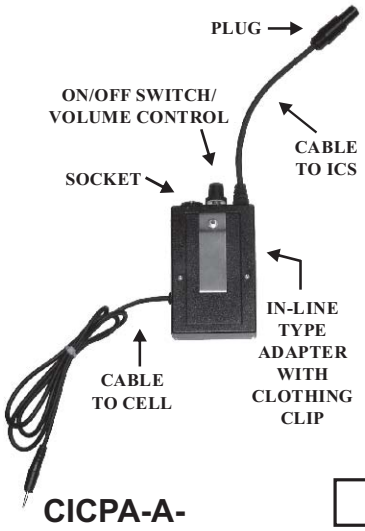
Headset Type		
code	description	socket & plug
B	Bose ANR	Hirose-6
BX	Bose X ANR	Lemo-6
D	David Clark ANR	Hirose-10

Clothing Clip		
code	desc’n	add
none	no	n/c
C	yes	$15

Cable (to Cell)		
code	description	add
none	3 ft w/2.5mm plug	n/c
/X	“X”ft w/2.5mm plug	$2/ft
/Q	3 ft w/3.5mm plug	n/c
/XQ	“X”ft w/3.5mm plug	$2/ft

Cable (to ICS)			
code	type	length	add
none	straight	6 inches	n/c
OXX	straight	XX inches	$2/ft
X	straight	X feet	$2/ft
K3	coiled	3 feet	$20
K6	coiled	6 feet	$25

WITH PRIORITY OVERRIDE



This style adapter is intended for use between an aircraft powered ANR headset and the ICS and includes priority override.

Box dimensions 2 1/2” x 3 3/4” x 1”

CICPA-A- ☐ ☐ ☐ — ☐

Base line price $250

Headset Type		
code	description	socket & plug
B	Bose ANR	Hirose-6
BX	Bose X ANR	Lemo-6
D	David Clark ANR	Hirose-10

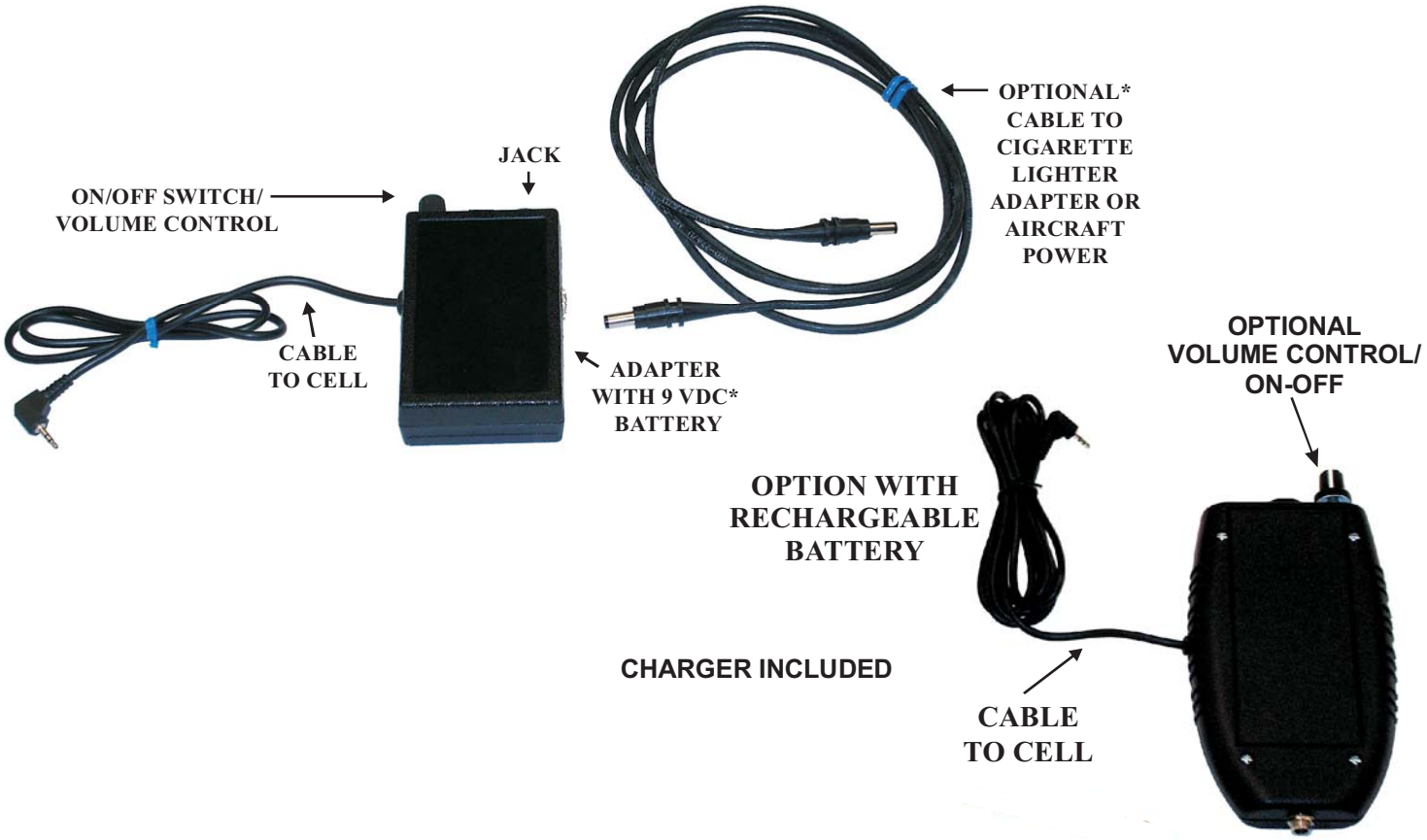
Priority	
code	desc’n
P	cell
R	ICS

Cable to Cell		
code	description	add
none	3 ft w/2.5mm plug	n/c
/X	“X”ft w/2.5mm plug	$2/ft
/Q	3 ft w/3.5mm plug*	n/c
/XQ	“X”ft w/3.5mm plug*	$2/ft

Cable to ICS			
code	type	length	add
none	straight	6 inches	n/c
OXX	straight	XX inches	$2/ft
X	straight	X feet	$2/ft
K3	coiled	3 feet	$20
K6	coiled	6 feet	$25

HEADSET TO CELL PHONE ADAPTERS

This style adapter interfaces a headset directly to the cell phone. If an ANR headset is used the headset is also powered by the battery, the cigarette lighter adapter or aircraft power(300 ma@ 9 VDC regulated or 28VDC unregulated)



Base line price $225

CICPA1 - [ ] [ ] [ ] [ ] — [ ]

Power*		
code	description	add
B	9VDC battery	n/c
R***	rechargeable battery	n/c
C	cigarette lighter	n/c
E*	*regulated a/c power	n/c
F*	*unregulated a/c power	$20

Clothing Clip		
code	desc'n	add
none	no	n/c
Y	yes	$20

*Cable (to power)		
code	description	add
none	3 ft	n/c
X	"X" ft	$2/ft

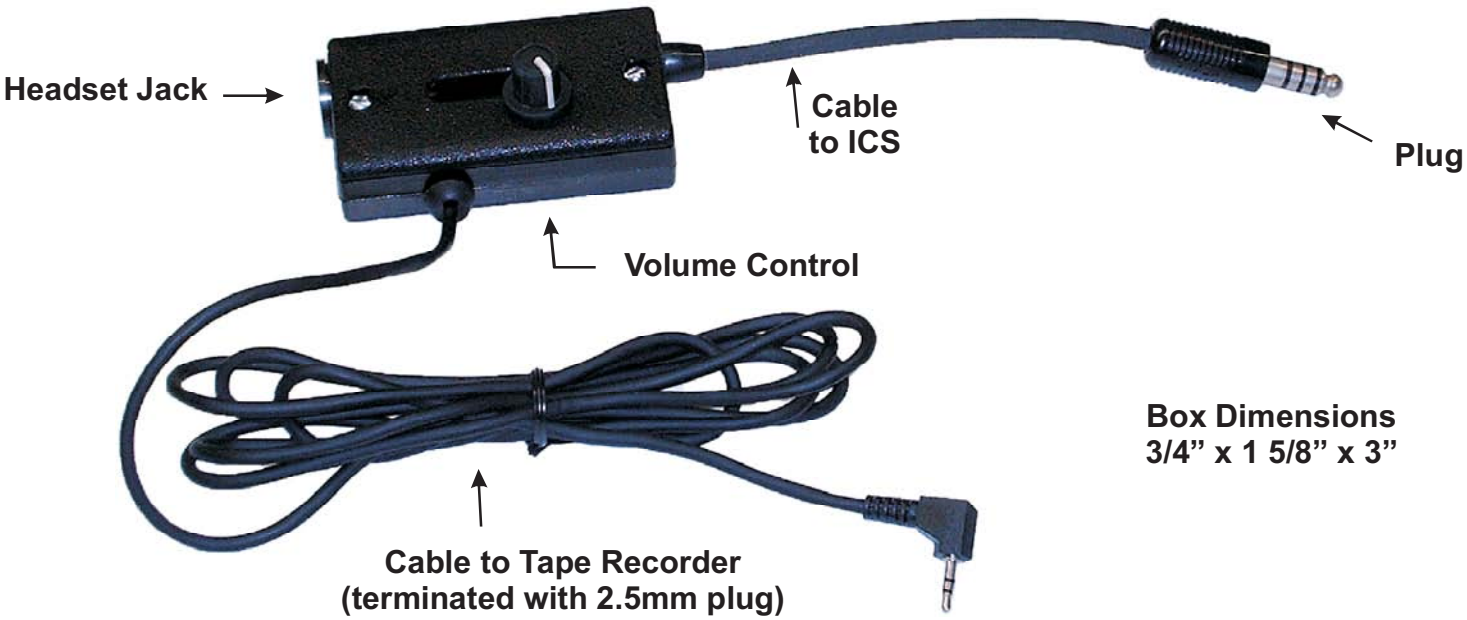
longer length available upon request

Headset Type			
code	description	jack	plug
H	Helicopter	TJT-120	TP-120
G	General Aviation	CIJ-055	CIPC-055

Cable (to Cell)		
code	description	add
none	3 ft w/2.5mm plug	n/c
/X	"X"ft w/2.5mm plug	$2/ft
/Q	3 ft w/3.5mm plug**	n/c
/XQ	"X"ft w/3.5mm plug**	$2/ft

* Plug on power cable is 2.5 mm ID and 5.5 mm OD unless otherwise specified. Mating panel mount jack p/n CIJPM-DC available separately ($15)
** 4 contact 3.5mm plug used with Blackberry (phones only) mike does not work at all times
*** Charger included

TAPE RECORDER ADAPTERS



Baseline Price $100

CIATR- [ ] [ ] [ ] [ ] [ ] — [ ]

Headset Type				
code	description	jack	plug	add
H	Helicopter	TJT-120	TP-120	n/c
M	Military	TJT-120	TP-120	n/c
G	General Aviation	CIJ-055	CIPC-055	n/c
B	Bose ANR	Hirose-6	Hirose-6	n/c
BX	Bose X ANR	Lemo-6	Lemo-6	n/c
D	David Clark ANR	Hirose-10	Hirose-10	$15

* Helicopter and Military headset options are available without cable (plug built into case)

Cable to Tape Recorder		
code	length	add
none	3 ft w/	n/c
6	6 ft w/	$5

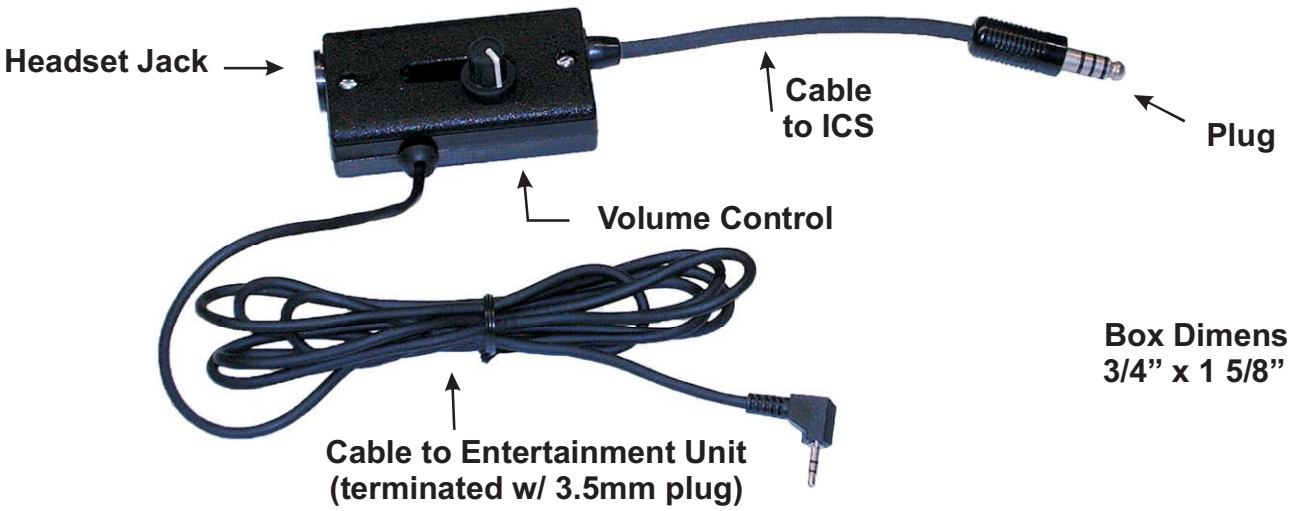
Volume Control (ICS)		
code	ground	add
none	n/a	n/c
V	yes	$25
VA	no	$25

Clothing Clip		
code	description	add
none	no	n/c
C	yes	$20

Plug to Tape Recorder		
code	description	add
none	3.5 mm plug	n/c
-XLR	XLR-3-12C	$15

Cable to ICS			
code	type	length	add
0XX	straight	XX inches	$2/ft
X	straight	X feet	$2/ft
K3	coiled	3 feet	$20
K6	coiled	6 feet	$25

ENTERTAINMENT ADAPTERS



Baseline Price $100

CIAE- ☐ ☐ ☐ ☐ ☐ — ☐

Headset Type

code	description	jack	plug	add
H	Helicopter	TJT-120	TP-120	n/c
M	Military	TJT-120	TP-120	n/c
G	General Aviation	CIJ-055	CIPC-055	n/c
B	Bose ANR	Hirose-6	Hirose-6	$20
BX	Bose X ANR	Lemo-6	Lemo-6	$20
D	David Clark ANR	Hirose-10	Hirose-10	$20

Clothing Clip

code	description	add
none	no	n/c
C	yes	$20

Override Priority

code	description	add
none	none	n/c
P	cell	$50
R	ICS	$50

Cable to Entertainment

code	length	add
none	3 ft w/	n/c
X	X ft w/	$2/ft

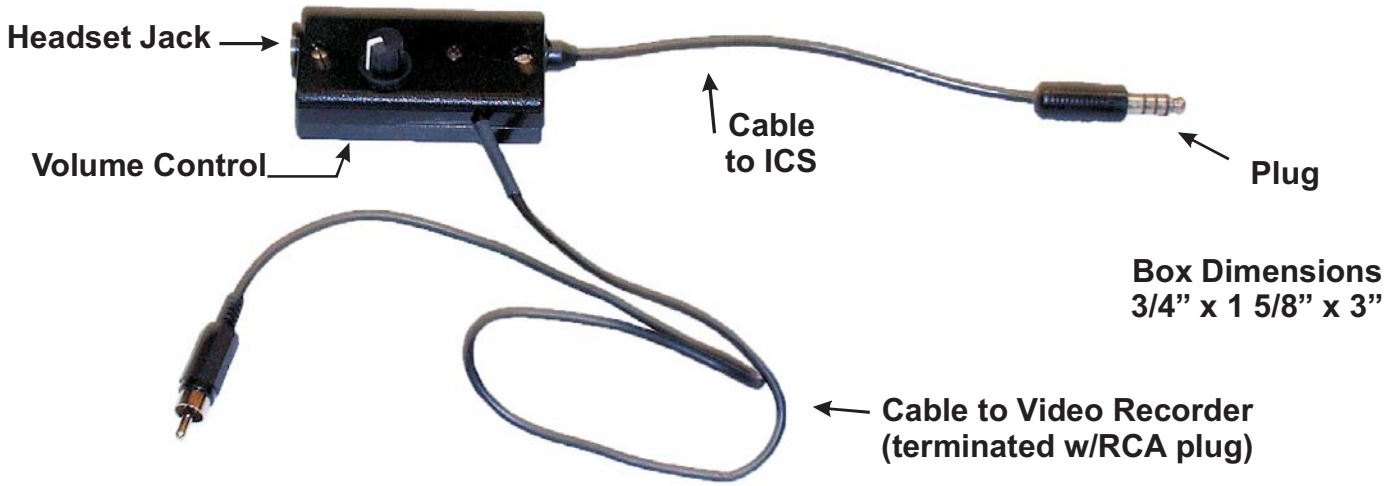
Volume Control (ICS)

code	ground	add
none	n/a	n/c
V	yes	$25
VA	no	$25

Cable to ICS

code	type	length	add
0XX	straight	XX inches	$2/ft
X	straight	X feet	$2/ft
K3	coiled	3 feet	$20
K6	coiled	6 feet	$25

VIDEO RECORDER ADAPTERS

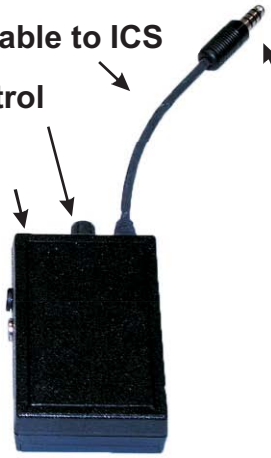


Baseline Price $100

CIAV- H — ☐ ☐ ☐ — ☐

Headset Type	Clothing Clip	Cable to Video Recorder	Volume Control (ICS)	Cable (to ICS)*
same as above	same as above	same as above	same as above	same as above

ENTERTAINMENT ADAPTER WITH ICS PRIORITY OVERRIDE



Box Dimensions
2 ½" x 3 3/4" x 1"

Baseline Price $200

CIAEP- [ ] — [ ] [ ] [ ] — [ ]

Headset Type				
code	description	jack	plug	add
H	Helicopter	TJT-120	TP-120	n/c
M	Military	TJT-120	TP-120	n/c
G	General Aviation	CIJ-055	CIPC-055	n/c

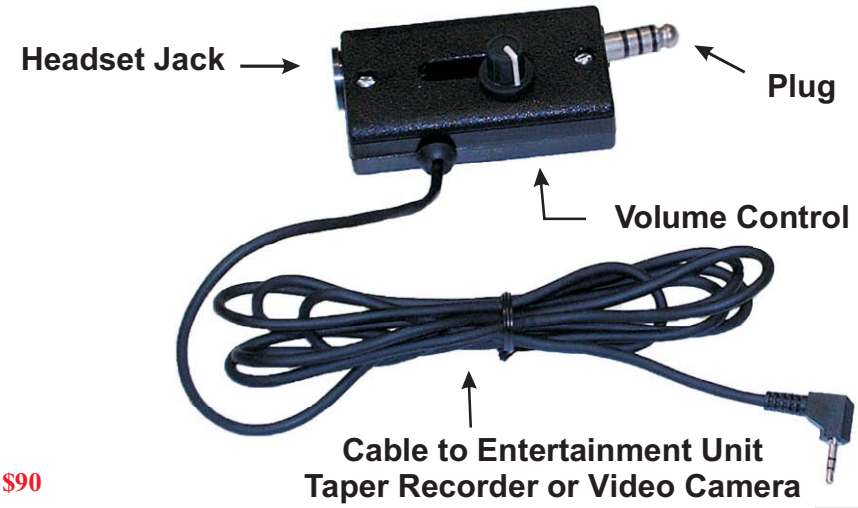
Clothing Clip		
code	description	add
none	no	n/c
C	yes	$20

Cable to Entertainment		
code	length	add
none	3 ft w/	n/c
X	X ft w/	$2/ft

Volume Control (ICS)		
code	ground	add
none	n/a	n/c
V	yes	$25
VA	no	$25

Cable to ICS			
code	type	length	add
0XX	straight	XX inches	$2/ft
X	straight	X feet	$2/ft
K3	coiled	3 feet	$20
K6	coiled	6 feet	$25

CIVILIAN HELICOPTERS & MILITARY ADAPTERS



Box Dimensions
3/4" x 1 5/8" x 3"

Baseline Price $90

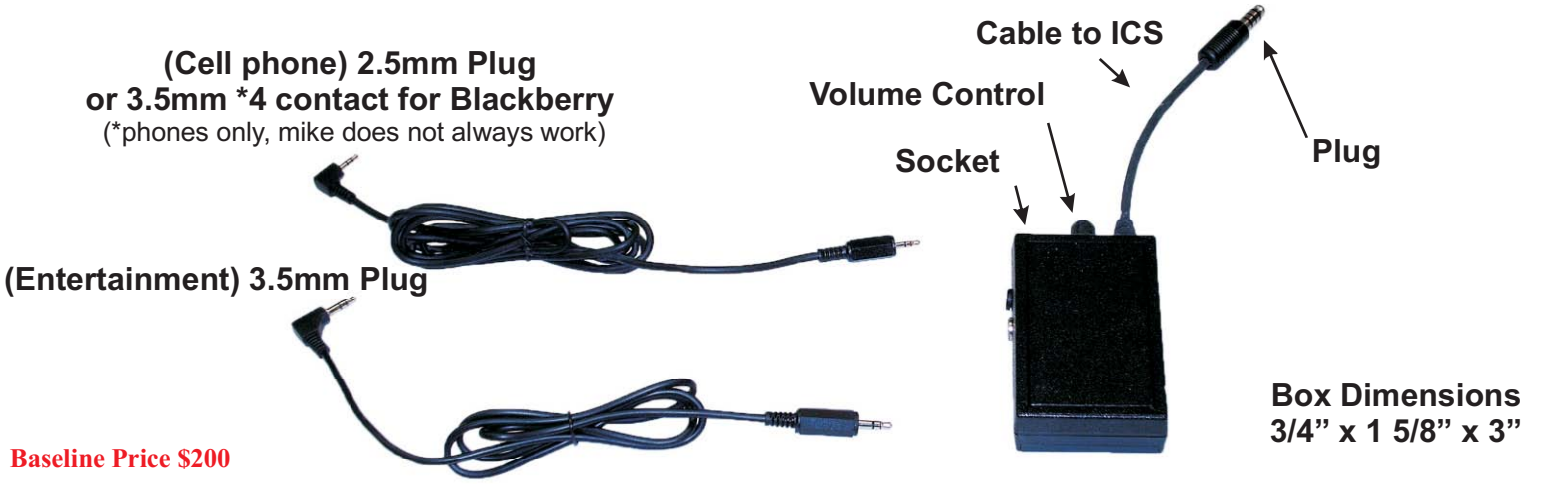
CIA [ ] — [ ] 93 — [ ]

Adapter Type	
code	Description
TR	Tape Recorder
E	Entertainment
V	Video Camera

Headset Type	
code	description
H	Helicopter
M	Military
G	General Aviation

Cable to Entertainment		
code	length	add
none	3 ft	n/c
X	X ft	$2/ft

ENTERTAINMENT/CELL PHONE ADAPTERS



Baseline Price $200

CIAE/C ☐ ☐ ☐ ☐ ☐ ☐ — ☐

Clothing Clip

code	description	add
none	none	n/c
Y	large	$20

Cable to Entertainment

code	length	add
none	3 ft	n/c
X	"X" ft	$2/ft

Cable to Cell

code	description	add
none	3 ft w/2.5mm plug	n/c
/X	"X"ft w/2.5mm plug	$2/ft
/Q	3 ft w/3.5mm plug*	n/c
/XQ	"X"ft w/3.5mm plug*	$2/ft

Cable to ICS

code	type	length	add
0XX	straight	XX inches	$20/in
X	straight	X feet	$2/ft
K3	coiled	3 feet	$20
K6	coiled	6 feet	$25

Headset Type

code	description	jack	plug
H	Helicopter	TJT-120	TP-120
G	General Aviation	CIJ-055	CIPC-055

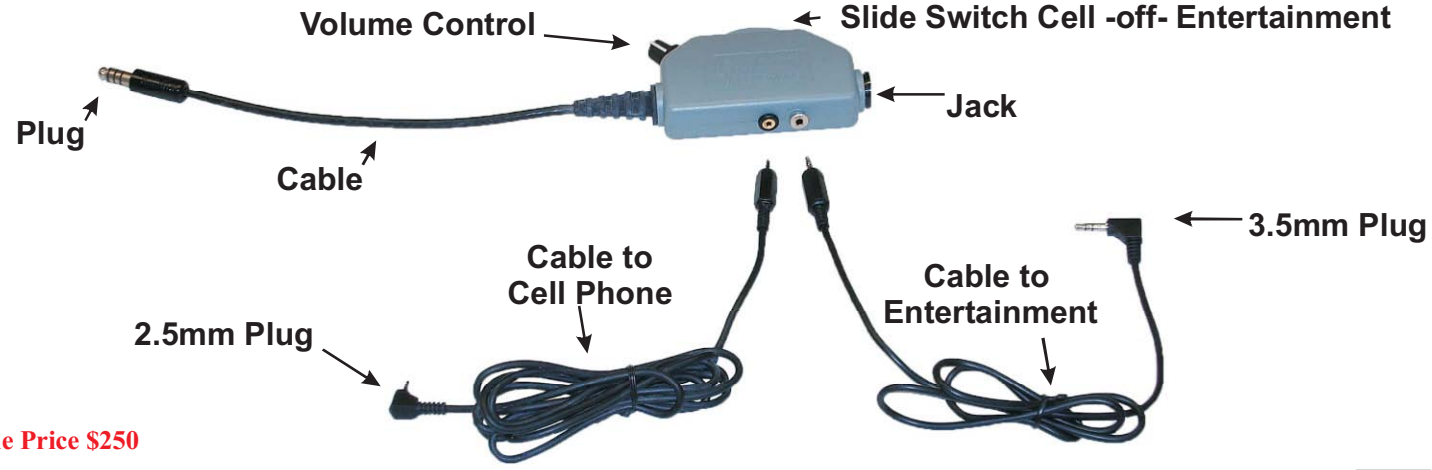
Volume Control (ICS)

code	ground	add
none	n/a	n/c
V	yes	$25
VA	no	$25

Override Priority

code	description	add
none	none	n/c
P	cell	$10
R	ICS	$50

AIRCRAFT POWERED ANR HEADSETS



Baseline Price $250

CIAE/C- ☐ — ☐ ☐ ☐ ☐ ☐ ☐

Headset Type

code	description	jack	plug	add
B	Bose ANR	Hirose-6	Hirose-6	n/c
BX	Bose X ANR	Lemo-6	Lemo-6	n/c
D	David Clark ANR	Hirose-10	Hirose-10	$15

Volume Control (ICS)
same as above

Clothing Clip

code	description	add
C	small	n/c
G	large	$20
none	none	n/c

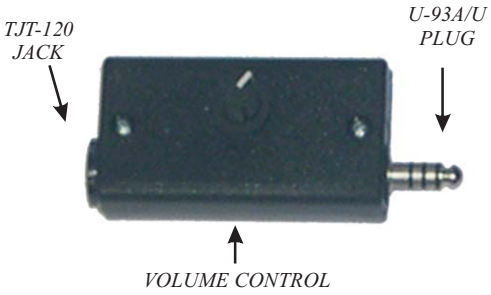
Cable to Entertainment
same as above

Cable to Cell
same as above

Cable to ICS*
same as above

Override Priority
same as above

In-Line Volume Controls



Baseline Price $80

Part Number:

CIV ☐

code	Application	Potentiometer	add
H	Civil Helicoper	2000 ohms comm'l	n/c
L	Military	500 ohms comm'l	n/c
M	Military	100 ohms mil spec	$20

☐

Grounded *

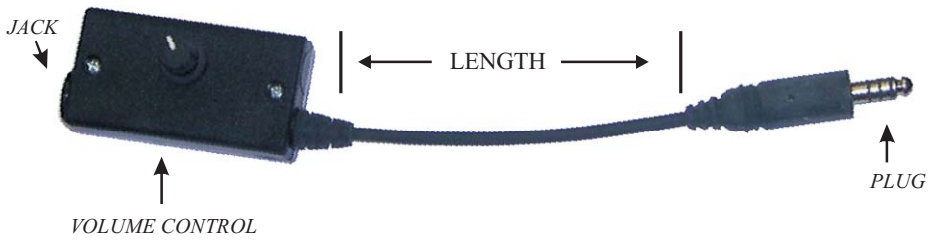
code	description
none	yes
A	no

☐ — 93

Clothing Clip

code	description	add
none	no	n/c
C	yes	$20

* grounded volume control, no sound when turned all the way down. Undergrounded volume control, sound reduced but not off when volume turned down.



Baseline Price $85

Part Number:

CIV ☐

code	Application	Potentiometer	Jack	Plug	add
H	Civil Helicoper	2000 ohms comm'l	TJT-120	TP-120	n/c
L	Military	500 ohms comm'l	TJT-120	TP-120	n/c
M	Military	100 ohms mil spec	TJT-120	U-174/U	$20
G	General Aviation	2000 ohms comm'l	CIJ-055	CIPC-055	n/c
GS	Gen'l Av'n Stereo	dual 2000 ohms	CIJ-051	CIPC-051	$5

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Grounded *

code	description
none	yes
A	no

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Clothing Clip

code	description	add
none	no	n/c
C	yes	$20

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Cable & Length

code	description	add
06	6" str't	n/c
0XX	XX" str't	$2/ft
X	X ft str't	$2/ft
K3	3 ft coil	$20
K6	6 ft coil	$25

Comm Innovations

Adaptors

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