

# ALPHATEC

AVIONICS



**Avionics Catalogue  
dedicated for Paramotors**



**M a r c h  
2 0 1 7**

# HELMETS

## For two seaters Paramotors

### INTEGRA set, headset or helmets with integrated intercom

The best system for all people who fly with several ultra light or don't want to have a panel mount system.

Now available in PREMIUM version, with a Snr -37dB.



**New versions with multi pins connection plugs with locking system, and intercom IC-A12 integrated with pass band filter.**

**Now available with PREMIUM ear cups with -37dB noise reduction.**

The set include 2 headsets with two ways intercom, with VOX and NIMH batteries integrated in ear cups.

Stand-by and talk time : 60 hours.

Pilot headset is fitted with a PTT button for radio. Radio reception on both headsets.

Supplied with batteries wall charger. Optional radio cable.

With the optional radio cable CRI2, it's possible to connect an auxiliary PTT button sold apart, or to record on board communications.

On special order, we can transform the record output in audio input for those who want to listen music in flight. In this case, you must also order the radio cable CRI2, and the optional cable K12MU.

Adjustable squelch circuitry and adjustable volume control on each headset with waterproof potentiometer.

**Pilot headset can be used also alone directly on radio and/or a mobile phone for BT model.**

Supplied with 2 pouches for headset or 2 bags for helmet.

Please, refer to the PREMIUM headset datasheet for more information on electro acoustic equipment.



CRI



CRI 2



Available in 3 versions :

<b>INTEGRA PREMIUM</b> with 2 PREMIUM headset	<b>990€</b>
<b>INTEGRA FALCON PREMIUM</b> with 2 white FALCON PREMIUM helmet	<b>1390€</b>
<b>INTEGRA ALPHAJET PREMIUM</b> with 2 white ALPHAJET PREMIUM helmet	<b>1690€</b>

It's possible to order 2 different sizes in a set.

For more information on FALCON and ALPHAJET helmets, please refer to the datasheet of these products.

**Also available in Dual band version or BT version.**

**The Dual band version** is particularly suitable for those who fly with 2M radio and the aviation radio.

In this version, pilot helmet is fitted with a commutator to switch from one radio to the other, and with 2 plugs to connect the 2 radio cords

Listening of the 2 radios is simultaneous.

**BT version** is particularly suitable for those who want to phone in fly.

In this version, pilot helmet is fitted with 2 PTT buttons on ear cup, one for radio and one for mobile phone, and with a cord to connect the BT-A11C Bluetooth adaptor, sold separately.

<b>Bonus for Dual band version</b>	Ref <b>PVBI</b>	<b>89€</b>
<b>Bonus for BT version</b>	Ref <b>PVBT</b>	<b>89€</b>

**Options available :**

<b>Radio cord</b> for ICOM ICA6FR11, length 1m50 Please, question us for others radio brands.	Ref <b>CRI</b>	<b>29€</b>
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<b>Radio cord</b> for ICOM ICA6FR11 + dual RCA cord to connect auxiliary PTT and optional recording cord*.	Ref <b>CRI2</b>	<b>49€</b>
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\* The recording cord is sold apart, please contact us for price and availability.

<b>Spiral cord PTT button</b>	Ref <b>ASV</b>	<b>56€</b>
<b>Music cord</b>	Ref <b>K12MU</b>	<b>20€</b>

<b>Bonus by helmet for carbon optic colour for FALCON and ALPHAJET helmet,</b>	Ref <b>PVCO</b>	<b>31€</b>
<b>Transparent visor with mechanism fastening for FALCON helmet</b>	Ref <b>ECFAL</b>	<b>46€</b>
<b>Brown tinted visor with mechanism fastening for FALCON helmet</b>	Ref <b>ETFAL</b>	<b>48€</b>
<b>Aerodynamic composite peak with integrated visor lock for FALCON helmet</b>	Ref <b>CQFAL</b>	<b>99€</b>
<b>Composite visor extension for FALCON helmet</b>	Ref <b>MTFAL</b>	<b>49€</b>
<b>Bonus for long turbo skip with zip for ALPHAJET helmet</b>	Ref <b>PVBL</b>	<b>21€</b>



# HELMETS

## For single seaters

All the helmets for single seater Paramotor have a direct connection to a 2M radio or ICOM aviation radio.  
(Except "A" version without electro acoustic equipment)

The COMFORT version are fitted with grey and red ear cups with Snr -33dB, and the PREMIUM version with grey and black ear cups with Snr -37dB.

The "A" version are fitted with grey and red ear cups with Snr -33dB.

Noise reduction microphone on COMFORT version, or strong noise reduction microphone on PREMIUM version, with adjustable flax boom.

Preamplifier integrated into the ear cup, waterproof PTT button on right or left ear cup at the convenience of pilot, Straight radio cable, 1m10 length with molded plug for ICOM, KENWOOD, ALAN or CRT radio.

Please, question us for others radio brands.

Also available in bi band version , to connect 2 radios on a same helmet. A switch on the ear cup allows passing from a radio to the other radio.

With a KENWOOD radio, you will have 2 radio cables on you helmet.

At order time, you must supply the brand and reference of your radio.

### FALCON PARAMOTEUR HELMET

Certified EN 966

Top quality jet helmet with fiberglass shell. Aerodynamic shape well ventilated. Removable hypoallergenic internal padding for an easy washing.

The ear cups can be flipped upwards or aside quickly and easily.

Weight : "A" model 790grs, COMFORT model 880grs, PREMIUM model 970grs.

Color : pearl white, or carbon optic (with bonus)

Supplied with a fluffy protection bag.

Optional transparent or brown tinted visor.

Sizes available : XS (53-54cm) S (55-56cm) M (57-58cm)

L (59-60cm) XL (61-62cm) XXL (63-64cm)



FALCON COMFORT

FALCON with ear cups

Ref FALCONA

209€

FALCON PARAMOTOR COMFORT

Ref FALCONPARAC

329€

FALCON PARAMOTOR PREMIUM

Ref FALCONPARAP

389€

Bonus for bi band version

89€





### FLY PARAMOTOR HELMET

Certified EN 966

Very light helmet with ABS shape, black polystyrene inside with removable pads for an easy washing.

Airflow inside the helmet, you can open or close the entrance of the air into the helmet just with one hand and while you are flying.

Ear cups can't be flipped upwards. No visor can be installed.

Plastic coated stainless steel wire sidepieces and micrometric chin strap.

Weight : "A" version 620grs, COMFORT version 710grs, PREMIUM version 800grs.

Sizes : S (55-56cm) M (57-58cm) L (59-60cm) XL (61-62cm)

Color : Black velvet

<b>FLY EAR CUPS</b>	Ref <b>FLYA</b>	<b>199€</b>
<b>FLY PARAMOTOR CONFORT</b>	Ref <b>FLYC</b>	<b>319€</b>
<b>FLY PARAMOTOR PREMIUM</b>	Ref <b>FLYP</b>	<b>379€</b>
<b>Bonus for bi band version</b>		<b>89€</b>



FLY COMFORT

### PARAMOTOR HEADSET

**COMFORT** or **PREMIUM HEADSET** with direct connection to a radio.

For those who want to fly without a protective helmet.

Supplied with a grey velvet pouch.

Size : One size fits all

Weight : COMFORT version 300grs, PREMIUM version 390grs.

<b>HEADSET PARAMOTOR COMFORT</b>	Ref <b>STPARAC</b>	<b>189€</b>
<b>HEADSET PARAMOTOR PREMIUM</b>	Ref <b>STPARAP</b>	<b>249€</b>
<b>Bonus for bi band version</b>		<b>89€</b>



PREMIUM HEADSET

### PARAMOTOR FIXED HEADSET

Same headset as above to be fixed onto an helmet as FALCON or FLY model.

<b>EAR CUPS SET</b>	Ref <b>KITA</b>	<b>35€</b>
<b>KIT PARAMOTOR COMFORT</b>	Ref <b>KITPARAC</b>	<b>199€</b>
<b>KIT PARAMOTOR PREMIUM</b>	Ref <b>KITPARAP</b>	<b>259€</b>
<b>Bonus for bi band version</b>		<b>89€</b>



## 2M RADIOS for PARAMOTOR



### RADIO KENWOOD TK20E

The **Kenwood TH-K20A** is a rugged 2 meter HT with up to 5.5 watts of power and straight-forward operation. You get 200 memories and multiple scan modes are supported. CTCSS/DCS is included.  
 Your TH-K20A comes with: KNB-63L Li-ion 1130 mAh, KSC-35S drop in charger, SMA flexible antenna, belt clip and owner's Manual  
 5.5/2.5/1 Watts RF Output - Backlit LCD - Weather Alert - Keypad Entry  
 Easy Operation - Internal VOX - 200 Memories - CTCSS/DCS  
 Narrow Band FM Ready  
 Weight : 210grs – Sizes : 54mm x 111.7mm x 25.3mm

Ref TK20E

170€

### RADIO ICOM ICV80

Tough Construction

ICOM radios are built tough, and the IC-V80/E – ICOM's most economical 2M – is no exception. This military rugged rig offers water resistance and superior protection against dust and dirt (IP54). Compact, rugged and with plenty of power, the IC-V80/E is ideal for basic, on-the-go ham operations.

750mW loud audio - Powerful 5.5W of Output Power

A total of 207 memory channels - Built-in CTCSS/DTCS - Internal VOX function - WX channel and weather alert function (USA version only) - Program, memory, skip, priority and tone scans - Power save function - BNC type antenna connector - Automatic repeater function (USA version only)

1750Hz tone for European repeater access (IC-V80E only) - TOT (time out timer) setting -

Repeater lockout and busy channel lockout - PC programmable with optional CS-V80

Transceiver-to-transceiver cloning (optional) - Direct keypad frequency entry - DTMF memory channels - Auto power off - LCD backlight - Wide/narrow channel spacing

Sizes : 58(W) x 112(H) x 30(D) mm - Weight : 360grs

These radios are usable on free wing frequency 143,9875MHz for safety reasons.

Ref ICV80

169€



### RADIO CRT 4CF

Great quality and performance for the price.

Bi band radio : VHF 144-146MHz AND UHF 430-440MHz

1W/6W VHF/ 5W UHF - 199 memory channels - Dual reception -

CTCSS/ DCS - automatic VOX - Battery Li-Ion 2200 mA

This radio is compatible with KENWOOD TK20E accessories.

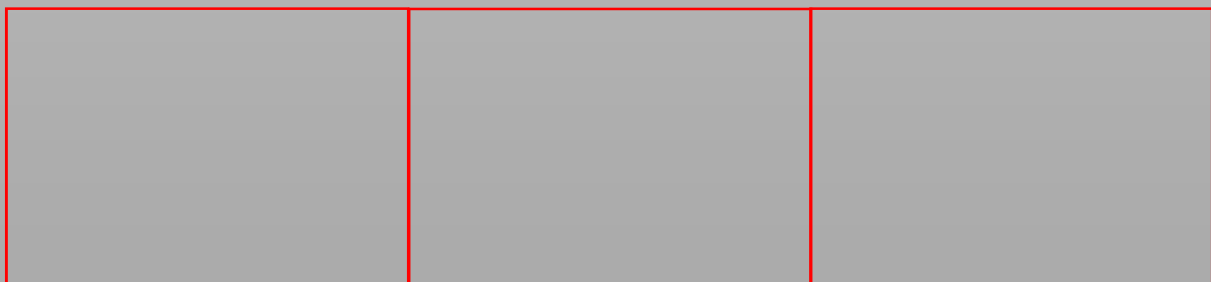
Space frequencies : 5, 6.25, 10, 12.5, 15, 20, 25, 30, 50, 100 kHz.

Weight : 285grs Sizes : 112 x 61 x 35mm

Supplied with desktop charger, 2200mAh Li-on battery, belt clip and strap.

Ref 4CF

129€





## SALES TERMS AND CONDITIONS

### **BY PURCHASING PRODUCTS FROM ALPHATEC, YOU AGREE TO BE BOUND BY AND ACCEPT THIS PURCHASE TERMS.**

These Terms of Purchase shall be governed by the laws of country of France.

### **SHIPPING & DELIVERY**

All Shipments are made by prepaid Colissimo international within 72 hours, with insurance.

Delivery time: around 1 to 3 weeks. Purchaser shall examine all products upon receipt and shall notify ALPHATEC of all discrepancies or damages.

All products are shipped immediately to the Customer after a successful payment. The ownership of the Product is transferred to the Customer upon the delivery of the Product. The risks of accidental perish, theft, disappearance or damage to the Product shall pass to the customer upon the delivery of the Product. If we ship in error the incorrect product, please contact ALPHATEC within 72 hours of receiving the incorrect product to arrange for pickup and re-shipment of the correct product, at no charge to you.

### **PAYMENT**

Prepaid orders are only agreed. Two ways of payment are possible :

1. VISA & MASTERCARD credit card payment
3. Bank transfer: IBAN: FR76 1350 6100 0003 7975 3800 159 BIC AGRIFRPP835

### **PRICES**

All prices listed on this catalogue are quoted with French VAT and without shipping charges. Prices and specifications are subject to change without notice; therefore you should always check prices before making a purchase.

### **WARRANTY**

All products are under warranty up to 1 year. This warranty is only applicable to building defects or malfunctions.

Any degradation or evidence of misuse or non-Alphatec service attempt evidence voids warranty.

Transistors, Power amplifiers and battery packs are not warranted. Return shipping freight charges are your responsibility.

### **RETURN**

If you are not completely satisfied with your purchase for any reason, you may return the product, in "like new" condition within eight (8) days of receipt for an exchange or refund. Return shipping freight charges are your responsibility.

A discount of 5 to 10% will be charged if the product or the packing is damaged.

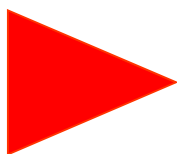
No return will be accepted for all special orders: products out of catalogue or special sizes.

### **REPAIR**

We assure all the repairs of our products. Please, return the product out of order to the address mentioned on the back cover with a description of the issue and join a copy of the purchase invoice.

Return shipping freight charges are your responsibility.





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