



|| The hand ||
portables

Alan HP35

Dedicated to those who have a lot to say



HP35 series offers the highest performance, scaling, and flexibility in the field. It guarantees the personalization of communication standards to specific requirements, and safeguards the security of users, thanks to special emergency signals that can also be activated with the radio turned off. Police, emergency response groups, and public utilities, high-priority users will all benefit from the large graphic display (24 characters + 2 lines).

Exceptionally robust, thanks to the frame which protects the devices from strong impacts and falls, and which creates a waterproof and dustproof barrier, these devices are suitable for the most difficult working conditions and are compliant to MIL STD 810 C, D, E, F, IP54, CE 99/05 and Finabel 2.C.10. Unbeatable in performance, but also in standard accessories, Alan HP35 transceivers are equipped with "capeless" antennas and high capacity lithium batteries, which guarantee 12 hours of autonomy... for those who have a lot to say.



Inbuilt vox



Inbuilt modem CML FX829
Type approved for voice and data



MIL 810 C D E F



Waterproof



An incomparable number of advantages...



- › **More than 100 channels**
- › **24 character display + 2 icon lines**
- › **Simplified menu and the big alphanumeric display** grant for an user friendly interface
- › **Data messaging** (variable and pre defined status messaging)
- › **Optimal audio quality in any environment**
DSP audio management
- › **Address Book:**
displays name of caller/calling party
- › **Thanks to the Eeprom Flash**
HP35 series can be used with new protocols or adapted to your communication standard
- › **Compact and lightweight:**
only 385 gr including Llon high capacity battery pack (1900 mAh)
- › **Personalized user menu,**
15 buttons with user-designated functions
- › **24 digit, 2 line alphanumeric icon display** for immediate viewing of signal and battery level as well as text messaging
- › **Rolling code scrambler with automatic Crypto mode activation**
Communications are guaranteed secure thanks to the 100 quintillions security codes
- › **Special calls**
Single, group, and emergency calls (dedicated button), activated even if the radio is turned off
- › **Internal FFSK mod. CMLFX 829 modem** for sending and transmitting precoded messages and Free text messages (SDM)
- › **Greater facility in service and maintenance**
Does not require that the device be "opened" in order to perform adjustments
- › **Available in the following versions:** Trunking (MPT 1327), National Railways ("Beacon warning note"), IRC (Italian Red Cross)
- › Personal communication protocols are available on demand

...And many hidden features

- › **High-capacity lithium battery included in the gift box ensuring**
12 hours of autonomy
- › **Gold-plated battery contacts**
Do not wear out over time.
- › **Extremely secure battery clip system**
studied to prevent accidental unclipping even if subjected to strong shocks or falls
The two security battery clips with stainless steel springs and reinforced ribbing make for extreme stability and robustness
- › **Reinforced belt clip**
designed to work even with thick leather belts

Frequency band

VHF: 146-174 MHz (HP 135, 135K)

UHF: 440-470 MHz (HP 435, 435K)



NEW Alan HP06, HP70

Practical and functional without compromises
in security and personalisation

Ideal for **public** and **private** sector **surveillance**, HP06 provides a highly valuable contribution to service delivery in **surveillance** or security fields, using practical and **personalized** solutions which respond to any and all communications requirements, from the most simple to the most complex. Thanks to the **multiple call functions**, the user can also program group or emergency call sequences on predefined channels, block busy channels (Busy Lockout), and set start and end conversation times, optimizing the use of radio channels.

The **inbuilt scrambler** allows for the encoding of calls while still remaining transparent to the user, ensuring maximum privacy during conversations. The **Lone Worker** function, available as an option; is ideal to protect the users working in remote or isolated areas, thanks to the sending of special emergency codes.



DIMENSIONS: 60x42x130mm



Inbuilt vox



Expansion slot. Type approved for voice and data



Inbuilt Scrambler & ST



MIL 810 C D E F



Waterproof

Alan HP06 and HP70:
a heap of advantages




› **Option board for Dead man/Lone worker function** NEW
The radio activates a special emergency procedure if the user does not answer to the warning signal


- › **16 channels**
- › **Signalling**
HP06/HP70 integrate 50 CTCSS and 104 digital DCS codes, 5 tone selective calling with standards ZVEI1, ZVEI2, CCIR, EEA and PERSONAL: the user has the freedom to program both frequency and length of each tone
- › **Busy lockout/Special busy lockout**
Inhibits calls or emits an error signal if the channel is busy
- › **Selective call formats 5 tone, 5+2, 5+5 + personal.**
All sequences are programmable up to a maximum of 8 digits. Even the time between the first 5 and the following 5 tones is programmable
- › **Emergency calls**
The user can program the calling code, the sequence, the repeat call (at predefined intervals) and the activation of the microphone
- › **Incoming call melody**
Various melodies distinguish single or group calls
- › **Inbuilt inversion Scrambler**
Guarantees the utmost privacy in conversations
- › **Channel/priority channels scanning**
Allows the user to respond to calls on various channels and to listen more frequently for priority channel calls
- › **"Transpond" function**
Sends the user's identifiers for call confirmation
- › **Adjustable power**
5W (VHF version) high/low programmable
4W (UHF version) high/low programmable
- › **Aluminium pressure die-cast casing**
Resistant to shocks and falls
- › **Rugged texture**
Resistant to scratches and wear
- › **Autonomy**
More than 20 hours with high cap battery
- › **Time Out Timer**
Programs the maximum duration of conversations, optimizing use of radio channels
- › **Inbuilt Vox adjustable on 2 levels**
For hands-free conversation
- › **Internal connector for optional boards**
Such as special filters, digital scramblers, dead man/lone worker
- › **Personalization and expandability**
Use of a Flash memory Eeprom guarantees maximum flexibility and future expandability thanks to software and Firmware personalization

› **Radiolocalization**
The special mike MK25GPS integrating GPS receiver and antenna allows coordinates to be sent the base station





› **BPA 100 Bluetooth adapter**
hands free conversations with any earphone or throat mike



› **CAR-A/C - Cod. C1082**
Among the available accessories the practical car adaptor with lighter plug (ref. pag. 33)

Frequency band
Models/codes

Alan HP06	VHF: 148-174 MHz	HP106 cod. G932.04 version without battery
	UHF: 440-470 MHz	HP406 cod. G933.04 version without battery

Alan HP70	low band: 66÷77 MHz	HP70L cod. G1043
	high band: 77÷88 MHz	HP70H cod. G1043.01

Compatibility

	HP35	HP06	HP70	HP450	HP446extra	HM35/70	HM35S	HM106
chargers								
G959.02 - RC35-19	■							
G959.03 - RC35-06	■							
C663.04 - RC05-06		■	■		■			
C663.02 - RC05		■	■		■			
G949 - SC05		■	■		■			
G1066 - RC45				■				
C519 - AL UNI	■	■	■		■			
G1082 - CAR-A/C		■	■		■			
battery packs								
G961.01 - BP3519	■							
G811.03 - BP0518		■	■		■			
G1067 - BP4511				■				
G1068 - BP4522				■				
power supply								
G1013 - PS0635						■	■	■
speaker mike								
G985.01 - MK25GPS DJ	■	■	■	■	■			
G894 - SMK05/25	■	■	■	■	■			
C732.01 - MA31-H	■							
C732 - MA31		■	■	■	■			
C517.01 - MA 24-H	■							
C517 - MA 24		■	■	■	■			
G1003 - MK06/35-K						■		
G1004 - MK06/35						■	■	■
G1010 - MB06/35						■	■	■
C804 - BPA 100	■	■	■	■	■			
C790 - ALBRECHT RIDER	■	■	■	■	■			
C850.01	■	■	■	■	■			

		HP35	HP06	HP70	HP450	HP446extra	HM35/70	HM35S	HM106
scrambler	100343 - OPZ-D/SCR	■							
	100342 - ISHP35	■							
	100348 - ISHM35						■	■	
	G1100 - CV35						■		
carry cases	G973 - CC35	■							
	G889 - CC05 CEL		■	■					
	G796 - CC25	■					■		
antennas	G956 - HA UN-VL	■	■						
	G952 - HA UN-VM	■	■						
	G953 - HA UN-VH	■	■						
	G954 - HA UN-UH	■	■						
	G970 - HA 68 H			■					
	G1049 - HA 68 L			■					
modems	G1064 - MDM35-230						■		
	G1063 - MDM35						■		
	G1063.01 - MDM35/GPS						■		
remote control	G1016 - Remote Control						■	■	
various	100344 - DMB		■	■					
	G405 - BNC25	■	■	■	■	■			
	R71258 - Belt clip	■	■	■			■		
	G911 - Screwdriver		■	■	■	■	■		

Portable accessories

chargers



G959.02 - RC35
Desktop rapid charger only for BP3518. Average recharge time 3 hrs. RC35 provides temperature and battery checking. It may be used to recharge the battery only or the radio with the battery.



G959.03- RC35-06
Desktop rapid charger 6 slot only for BP3518



C663.04 - RC05-06
Desktop rapid charger 6 slot



C663.02 - RC05
Black desktop rapid charger



G949 - SC05
Black desktop slow charger



G1066 - RC45
Black desktop rapid charger



C519 - AL UNI
Power supply cable/car lighter plug (with SC05 cradle), 95/54 CE compliant



C1082 - CAR-A/C
Car adapter/charger

-NEW-

battery packs



G961.01 - BP3519
1900 mAh Lilon



G811 - BP0513
1300 mAh NiMh - grey



G811.02 - BP0513
1300 mAh NiMh - black



G811.03 - BP0518
1800 mAh NiMh - black (compatible with C663.02 - RC05)



G1067 - BP4511
1100 mAh NiMh - black

-NEW-



G1068 - BP4522
2200 mAh litio - black

-NEW-

audio



G894 - SMK05/25
Waterproof speaker mike



G985.01 - MK25GPS DJ
Speaker mike with GPS antenna and receiver. ADMIRAL communication



C517.01 - MA 24-H
Speaker mike

C517 - MA 24
Speaker mike



C732.01 - MA31-H
Discreet speaker mike with pneumatic earphone (with one spare earphone)

C732 - MA31
Discreet speaker mike with pneumatic earphone (with one spare earphone)



C804 - BPA100 **-NEW -**
Bluetooth adapter
BPA 100 provides wireless conversation using any Bluetooth earphone or helmet. BPA100 is automatically activated through the vox of the transceiver or the waterproof PTT supplied in the gift box, which has to be connected to the audio connector.

The BPA 100 does not require any configuration but just the pairing of the bluetooth device.



C851.01 - BT SPORT **-NEW**
Throat Bluetooth microphone with Noise Cancelling Technology size Medium

C851 - BT SPORT
Throat Bluetooth microphone with Noise Cancelling Technology size Large



C790 - Albrecht Rider **-NEW -**
Earphone with BlueTooth™ mike suitable for any helmet type both jet and full

scrambler



RS35
Special fitting to plug scrambler modules. HP35 is compatible with TRANSCRYPT models. Pls refer to Price list for details.



G1008 - ISHP35
Simple inversion scrambler board, single inversion frequency.

carry cases



G973 - CC35
leather carry case with adjustable shoulder strap (for keypad version)



G889 - CC05 CEL
leather-like carry case with belt clip

plug-in boards



G796 - CC25
"Dupont" Cordura carry case with belt clip



100344
Dead man/lone worker board.