

## NEWSLETTER

Cte international

The World in Communication



Technical specifications are preliminary and subject to change.

*Models/code*

Alan RPT 735

Alan RPT 135S

Alan RPT 435S

*Description/Definition:*

Basic repeater station, including power supply, duplexer and signal control board.

**Supplied with:**

Power supply cables,  
Duplexer,  
Wall mounting brackets,  
Antenna cables for duplexer,  
Microphone,  
DB25 connector rear side

*Main features and advantages ("what's useful for")*

user manual.

*Availability:*

December 2005

*Compatible with:*

<b>Feature</b>	<b>Advantage</b>
> <b>Easy of use</b>	<i>Easily programmable</i>
	<i>Easy after-sale servicing</i>
> <b>Compact</b>	<i>Facilitates installation procedure</i>

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## Main Technical features:

Operation	Simplex, semiduplex, full duplex and 100% continuous use
Modulation	FM (F3E)
Channel	1
Frequency band	LHF 66-88; VHF 136-174 MHz; UHF 405-470 MHz
Channel spacing	12,5KHz, 20KHz, 25KHz programmable and channel dependant
Frequency Stability	± 4ppm VHF, ±2.5 UHF
Signalling System	CTCSS Enc-dec, DCS, Selcall fixed Multistandard
Duplexer	6 cells
Operating temperature	-25/+55° C
<b>Transmitter</b>	
RF Power Output	4-25 W channel dependent
<b>Receiver</b>	
Sensitivity	better than 0.30uV
<b>Power supply</b>	
Power Supply (Housing with fan)	185-265 Vac 50/60 Hz; 13.8 Vdc
Battery (optional)	Battery Charger 13.8 Vdc 6A max
Protection	Line Fuse 5 A; Battery Fuse 10A
<b>HW configuration</b>	
Box	Rack 19 " 3 U with Handles
Connector rear panel	VDE power supply
	Battery connector
	DB25 accessory
	N Tx out
	N Rx in
	N Duplexer Tx in
	N duplexer Rx out
	N antenna