

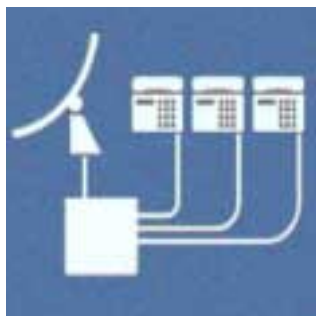


Cipher Asynchron CA-3172

- Digital voice cipher
- Realtime over asynchronous 2400 bps
- Inmarsat - Mini M
- Inmarsat - M
- Inmarsat - AERO
- GSM - mobile
- HAYES compatible data networks
- Highly secure voice operation
- Good voice quality
- Automatic synchronization
- Late entry capability
- Easy to operate
- Reprogrammable via keygun
- Rugged splashproof design



Cipher Asynchron CA – 3172



The **CIPHER ASYNCHRON CA-3172** is a new concept in high grade digital voice cipher working over asynchronous connections down to 2400 bps. In spite of the very low transmission speed the VLP algorithm delivers good audio quality and speaker recognition in real time.

For the first time it is possible to transmit high security end-to-end digital voice via INMARSAT and other networks without the need of Secure Interface Channels. The **CIPHER ASYNCHRON CA-3172** is integrated into a handset with keypad .

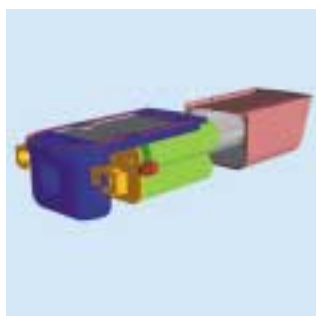


FEATURES

Fully digital operation
Asynchronous via 2400 bps
Hayes compatible commands
High level end-to-end security
Key loading system
Good audio quality
Full duplex speech
Easy operation

APPLICATIONS

Speech encryption
Satellite communications
GSM cipher
Private speech via data networks
Portable, mobile and stationary
Naval and airborne



SPEZIFICATIONS

Speech coding	Digital VLP (VOICELock PREDICTION)
Speech data rate	2400 bps
Minimum net data through-put.	1750 bps
Coding delay	Approximately 100ms
Voice quality	High intelligibility Good speaker recognition
Security	High grade cipher algorithm Independent ciphering on RX and TX
Number of programmed codes	32 reprogrammable (via Keygun)
Key length	128 bit
Algorithm	SCA 95
Synchronization	Automatic
Resynchronization	Late entry at any time . within 1 second
Digital interface	RS-232-C asynchronous ≥ 2400 bps 8 databit, no parity, 1 stopbit no handshake no software protocol
Audio interface	microphone and phone
Communication channel requirement.	Asynchronous 2400 bps Datalink with less than 1750 bps through-put
Operating temperature range	-10°C to +65°C
Power requirement	internal rechargeable Lilon Battery
Operating period	12h operation + 100h standby
Dimensions.	Handset
Weight	525 g

Specifications are subject to change without further notice

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