

**CY-5000** VHF  
**CY-6000** UHF

# All-in-One, Plug and Play IDAS™ Digital + Analog Repeater



*Warehouses  
Schools & Universities  
Hospitals  
Amusement Parks  
Correctional Institutions  
Sports Complexes  
Corporate Campuses  
Gaming Facilities  
Hotels  
Multi-plex Cinemas  
Office Tower Security  
Shopping Malls  
...and many more applications*



The F3161D portables and F5061D mobile series are designed for the IDAS™ system.

**Features:**

- Selective call, group call, talk group ID
- Status call/request
- Radio check
- Radio stun/kill/revive
- Data call
- Digital voice encryption
- Emergency call
- Call alert
- Call log
- And more...



- Built around the robust 19" rack mountable CY series chassis-height 3U
- Utilizes the IDAS™ UR repeater module
- Internal 110/220VAC power supply
- Auto battery backup
- Terminal screw connector for easy external battery connection
- DB-25 connector

- Three shielded data ports
- Silver-plated "N"- type bulkhead RF connectors
- Built-in grounding stud
- Optional built-in duplexer – version specific
- Optional built-in pre-selector – version specific
- 80 CFM heavy duty cooling fan – draws air from the top vents across the UR module for cooling

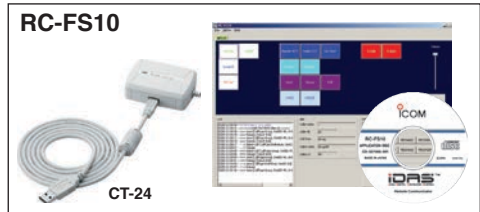
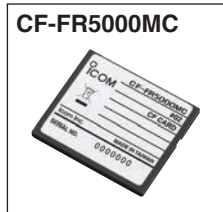
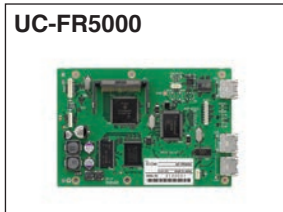


Available in 4 versions:

- Simple versions CY-5000/CY-6000
- With duplexer installed
- With pre-selector installed
- With both duplexer & pre-selector installed



**OPTIONS**



• **HM-152 HAND MICROPHONE**  
Regular hand microphone

• **SM-25 DESKTOP MICROPHONE**  
Equipped with a monitor switch

• **SP-22 EXTERNAL SPEAKER**  
Compact and easy to install

• **DUPLEXER**  
Allows single antenna operation

• **PRE-SELECTOR**  
Narrow band filter. Increases selectivity for high noise environments

• **UC-FR5000 IDAS TRUNKING NETWORK CONTROLLER**  
For Single Site Trunking

• **CF-FR5000MC CF CARD**  
IP network upgrade software

• **CF-FR5000MT CF CARD**  
For Multi Site Trunking

• **RC-FS10 REMOTE COMMUNICATOR**  
CT-24 Digital voice converter (supplied with RC-FS10)

• **CT-23 MICROPHONE ADAPTER**  
For RC-FS10 operation

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