

**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 IC-F3161D portables and IC-F5061D mobile series are designed for the IDAS system.**

*Just some of the IDAS digital features are:*

- 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



**IDAS™**  
ICOM DIGITAL ADVANCED SYSTEM

***Bridges the gap  
between old analog  
and new digital radios***

- Built around the robust 19" rack mountable CY series chassis
- 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

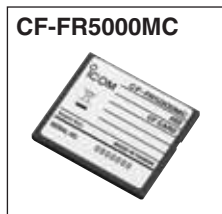


Available in 4 versions:

- Simple (CY-5000 only)
- 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 IDAS conventional IP network. UC-FR5000 #02 required (or upgrade UC-FR5000 #01 with CF-FR5000MC).
- **CF-FR5000MC CF CARD**  
IP network upgrade software for UC-FR5000 #01. Already installed in UC-FR5000 #02.
- **RC-FS10 REMOTE COMMUNICATOR**  
CT-24 Digital voice converter (supplied with RC-FS10)

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

## Icom America Systems

Systems for People Who Make Smart Choices

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