

Icom America Systems

ALL-IN-ONE, DIGITAL + ANALOG BASE/REPEATER

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

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



Everything you need inside a 3 Rack Unit (RU) Chassis\* for a ready to use repeater or base station.

\*One Rack Unit is equal to 1.75 inches




**IDAS™**  
ICOM DIGITAL ADVANCED SYSTEM

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

| Pre-Selectors - Internal, 4 cavity |                         |
|------------------------------------|-------------------------|
| VHF                                | IASPR1001<br>136-150MHz |
|                                    | IASPR1002<br>150-174MHz |
| UHF                                | IASPR1010<br>440-520MHz |
|                                    | IASPR1011<br>440-520MHz |



### Configure 4 ways:

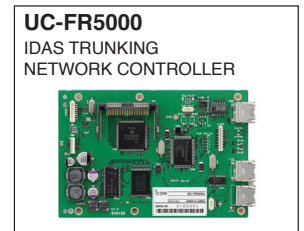
- Basic versions CY-5000 / CY-6000
- With duplexer installed
- With pre-selector installed
- With both duplexer & pre-selector installed

| Duplexers - Internal*  |  |
|--|--|
| <p><b>VHF available in 3, 5, 7 &amp; 10MHz separations in the following frequency ranges</b></p> <p>136-148<br/>148-160<br/>160-174</p>        |  |
| <p><b>UHF available in 5, &amp; 10MHz separations in the following frequency ranges</b></p> <p>400-440<br/>440-470<br/>470-440<br/>490-512</p> |  |
| <p>*IASDUP50CY - Duplexer install assembly not included; required for installation into CY</p>   |  |

| Racks  |
|--|
| <p><b>IASMNT1028</b><br/>28 x 19" 16RU desktop 2-post; 350lb weight capacity</p>         |
| <p><b>IASMNT1042</b><br/>42 x 19" welded steel 2-post; 24RU, 1,500lb weight capacity</p> |
| <p><b>IASMNT1063</b><br/>63 x 19" welded steel 2-post; 63RU, 1,500lb weight capacity</p> |
| <p><b>IASMNT1070</b><br/>70 x 19" welded steel 2-post; 40RU, 1,500lb weight capacity</p> |



## OPTIONS



## Icom America Systems

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