
The Novation

J-CATTM

MODEM

103 Originate/Auto Answer

Highest performance, smallest size

It's smaller.

J-Cat is 1/5th the size of any ordinary modem. Easy to stick-on, tuck-in, put anywhere you want. On the side of your phone, CRT, computer — wherever.

It's better.

J-Cat does all of the things you need for the best performance:

- Manual or Auto answer
- Auto Search. Automatically sets correct mode — answer or originate. No fumbling. No lost data.
- Two LED's and audio "beeps" provide complete status
- Two keys for easy modem control
- Built-in self-test

Features:

- Direct Connect, FCC Part 68 Registered
- Auto Search
- Disconnect/Test Key
- Connect/Break Key
- Self-Test
- Audio Indicator for Line Status
- Dialtone/Busy Status at I/O connector
- Off-Hook Control at I/O connector
- Compatible with EIA-RS232C Interface
- Low Power
- And it's from Novation, the recognized leader in personal communications.



J-Cat Technical Specifications

DATA RATE

0-300 Bits per second (bps) asynchronous

COMPATIBILITY

Bell 103

DATA FORMAT

Serial, binary, asynchronous

COMMUNICATION MODE

Full duplex

OPERATING MODES

Auto Originate, Auto Answer, Manual Originate,
Manual Answer, Self-Test

CONTROLS

Auto/Manual, Connect, Disconnect/Test

INDICATORS

Off-Hook, Ready, Audio Beeper

TRANSMIT FREQUENCIES

All frequencies are crystal controlled and accurate to within $\pm 0.1\%$.

Originate Mark: 1270 Hz
Space: 1070 Hz

Answer: Mark: 2225 Hz
Space: 2025 Hz

TRANSMIT LEVEL

-10 dBm

RECEIVE FREQUENCIES

Originate: Mark: 2225 Hz
Space: 2025 Hz

Answer: Mark: 1270 Hz
Space: 1070 Hz

RECEIVER SENSITIVITY

-42 dBm

INTERFACE

Serial I/O, compatible with EIA-RS232C and TTL logic levels

SWITCHED NETWORK INTERFACE

Direct Connect (Per FCC Part 68)

FCC Registration #: AU492X-70324-DM-R

Ringer Equivalence: 0.8B

Phone Line Interface: Direct connect to RJ11C,
RJ11W, RJ12C, RJ12W,
RJ13C, RJ13W jacks

CARRIER DETECT

On Delay: 150 msec

Off Delay: 50 msec

DISCONNECT TIMERS

No carrier detected will cause disconnect in 18 seconds. Loss of DTR will cause instantaneous disconnect.

POWER SUPPLY

UL listed low-voltage AC wall mount transformer with 6' cord

Transformer input: 115VAC, 60Hz

Transformer output: 12VAC, 3VA
(typical AC draw of 70mA)

TEMPERATURE

Operating environment: 32 to 122 degrees F
(0 to 50 degrees C)

Storage: -40 to 140 degrees F
(-40 to 60 degrees C)

HUMIDITY

Operating environment: 10% to 90% relative
(no condensation)

Storage: 5% to 95%
(no condensation)

SIZE

5.0"L x 1.9"W x 1.3"H

WEIGHT

4.2 Oz.



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