



# TEMPEST Level I Sharp® AR -M455U Multifunction System

**Product Data**

Model - DAT-201 (Level I)

## Description

API's TEMPEST AR-M455U (120 V) and the AR-M451U (220 V) Digital Copier is a 45 page per minute multifunction document handling and finishing system that supports copy, network print, and network scan functionality. Its Advanced 45-sheet Duplexing Single Pass Document Feeder with Scan<sup>2™</sup> technology scans both sides of a document in a single, straight pass. This feature improves efficiency, reduces scanning time, and helps maintain the integrity of your original documents. A host-based print controller utilizes JBIG compression, reducing the file size of jobs for faster printing. Built-in color scanning features support enhanced document flow. Black and white and color documents can be converted into digital files that can be shared, archived, or e-mailed. Sharpdesk integrated desktop document management software supports easy document editing, saving and distribution.

The systems's 300 MHz true multitasking controller design allows for easy upgrades that support network printing, network scanning and document distribution.

A robust Job Build feature and an available online paper capacity of 3,100 sheets, makes copying large jobs quick and easy.

Other features include 3-position stapling, center folding, a 50-sheet stapling capacity, a new Card Shot capability that conveniently copies both sides of an ID card onto a single sheet of paper in a seamless one-step operation, auto duplexing on up to 97 lbs index paper with optional duplex unit, and an optional network printing system.

## Features

- Certified to NSTISSAM TEMPEST/1-92 Level I and NATO SDIP-27 A standard (formerly AMSG 720B)
- 45 ppm copy speed (8.5" x 11")
- High-quality 1200 dpi (equivalent), 600, and 300 dpi output
- 500-sheet (8.5" x 11") paper cassette (standard)
- Upgradeable to 3,100 sheets total (letter/legal/ledger)
- Optional duplex module/bypass tray
- 384MB memory -- volatile on power down. NO hard disk drive to remove and safe guard.
- Scan: 600 dpi; Copy output: 1200 dpi
- Standard full-color PC scanning system
- Optional 100MB Fiber Optic LAN interface for LAN printing/scanning





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## Specifications

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### Sharp® AR-M455U Multifunction System

45 ppm copy speed (8.5" x 11")  
High-quality 1200 dpi (equivalent), 600, and 300 dpi output  
500-sheet (8.5" x 11") paper cassette (standard)  
Upgradeable to 3,100 sheets total (letter/legal/ledger)  
Optional duplex module/bypass tray  
384MB memory -- volatile on power down. NO hard disk drive to remove and safe guard.  
600 dpi; Copy output: 1200 dpi (equivalent)  
Exposure Modes Text, text/photo, photo; auto; 9-step manual  
Halftone: 256 gradations/2 levels  
Magnification Range: 25% to 400% in one percent increments  
Standard full-color PC scanning system  
Exposure Modes: Text, text/photo, photo; auto; 9-step manual  
Optional 100MB Fiber Optic LAN interface for LAN printing/scanning  
Optional Data Security Kit available.

### Physical Dimensions

Base unit including scanner, scanner rack, printer & multipurpose desk:  
38.0"w x 26.2"d x 44.4"h

### Weight

128.9 lbs (Includes scanner, scanner rack, printer and multi-purpose desk)

### Paper Types

Paper Cassettes: standard or recycled bond paper  
Bypass Tray: Up to 100 sheets 16-34 lb. standard or recycled bond paper; letter head/envelopes/OHP film/ labels  
Original Size (Max.): 11" x 17"  
Copy Size: Min. 5.5" x 8.5", Max. 11" x 17"

### Warm-Up Time

80 seconds or less

### First-Copy Out Time

4.4 seconds (document glass); 5.3 seconds (preheat), 40 sec. (auto shut-off)

### Speed

45-sheet duplex single pass feeder 8.5 x 11- inch (30 sheets for legal/ledger)

### Scan Speed

Up to 45 OPM (letter size/standard, resolution/1 side)

### Print Drivers

Microsoft®Windows®95/98/Me, NT4.0, 2000, XP, MAC PPD (optional)

### Emulation

PCL6 (XL), PCL5e, optional PS3Warranty

### Power Requirements

110 Volts - AR-M455U  
220 Volts - AR-M451U

### Power Consumption

1440 Watts maximum  
180 Watts preheat  
20 Watts sleep mode

### Continuous Copy

Max: 999 pages

### Warranty

1-year on parts and labor

Advanced Programs, Inc. is an NSA-endorsed test services facility and an NSA-endorsed TEMPEST manufacturing facility.

Technical Specifications are subject to change without notice. U.S.A. export controls apply to these products.

E & OE - 9/7/10



#### HEADQUARTERS - UNITED STATES

Advanced Programs, Inc.  
7125 Riverwood Drive  
Columbia, MD 21046 U.S.A.  
Phone: 410-312-5800 Fax 410-312-5850  
<http://www.advprograms.com>

#### UNITED KINGDOM

API Europe Limited  
Vanitec House, Cornbrash Park  
Chippenham, Wiltshire, SN14 6RA, UK  
Phone +44(0)1249 448777 Fax +44(0)1249 448765  
<http://www.api-europe.com>