Menu Route Map

- **Network Settings**
  - **Select Wired/Wireless LAN***
    - **Wired LAN**, Wireless LAN
  - **Wireless LAN Settings***
    - SSID Settings
      - Select Access Point
      - Enter Manually
        - Security Settings
          - None
          - WEP (802.11 Authentication)
            - **Open System**, Shared key
          - WPA/WPA2-PSK (WPA/WPA2 Encryption)
            - **Auto**, AES-CCMP
    - WPS Push Button Mode
    - WPS PIN Code Mode
    - Power Save Mode
      - **Off**, On
    - Wireless LAN Information
      - MAC Address
      - Wireless LAN Status
      - Latest Error Information
      - Channel
      - SSID Settings
      - Security Settings
      - Power Save Mode
  - **Direct Connection Settings***
    - Use Direct Connection
      - **Off**, On
        - Direct Connection Only
        - Wireless LAN/Direct Conn. (Auto Switch)
    - Time Until Direct Connection Termination
      - 0 (Off), 1 to **10** to 60 (min.)
    - Access Point Mode Settings
      - Use Custom SSID
        - **Off**, On
      - Use Custom Network Key
        - **Off**, On
  - **TCP/IP Settings**
    - IPv4 Settings
      - IP Address Settings
        - **Auto Acquire**
          - Select Protocol
            - Off, **DHCP**, BOOTP, RARP
          - Auto IP
            - Off, **On**
        - Manually Acquire
          - IP Address: 0.0.0.0
          - Subnet Mask: 0.0.0.0
          - Gateway Address: 0.0.0.0
        - Check Settings
          - Auto Acquire
          - IP Address
          - Subnet Mask
          - Gateway Address
      - PING Command
      - DNS Settings
        - DNS Server Settings
          - Primary DNS Server: 0.0.0.0
          - Secondary DNS Server: 0.0.0.0
        - DNS Host Name/Domain Name Settings
          - Host Name
          - Domain Name
        - DNS Dynamic Update Settings
          - **Off**, On (DNS Dyn. Updt. Intrvl.)
            - 0 to **24** to 48 (hr.)
      - mDNS Settings
        - Off, **On** (mDNS Name)
      - DHCP Option Settings
        - Acquire Host Name
          - Off, **On**
        - DNS Dynamic Update
          - **Off**, On
        - Acquire SMTP Server Address*
          - **Off**, On
        - Acquire POP Server Address*
          - **Off**, On
    - IPv6 Settings
      - Use IPv6
        - **Off**, On, Check Settings
          - Link-Local Address
          - Prefix Length
      - Stateless Address Settings
        - Off, **On**, Check Settings
          - Stateless Address
          - Prefix Length
      - Use DHCPv6
        - **Off**, On, Check Settings
          - Stateful Address
          - Prefix Length
      - DNS Settings
        - DNS Host Name/Domain Name Settings (Use IPv4 Host/Domain)
          - Off, **On**
            - Host Name
            - Domain Name
        - DNS Dynamic Update Settings
          - **Off**, On
            - Register Manual Address
              - **Off**, On
            - Register Stateful Address
              - **Off**, On
            - Register Stateless Address
              - **Off**, On
            - DNS Dynamic Update Interval
              - 0 to **24** to 48 (hr.)
      - mDNS Settings
        - Off, **On** (Use IPv4 Name for mDNS)
          - Off (mDNS Name), **On**
    - LPD Print Settings
      - Off, **On**
    - RAW Print Settings
      - Off, **On**
    - WSD Settings
      - WSD Print Settings
        - Use WSD Print
          - Off, **On**
        - Use WSD Browsing
          - Off, **On**
      - WSD Scan Settings
        - Use WSD Scan
          - **Off**, On
        - Use Computer Scan
          - **Off**, On
      - Use Multicast Discovery
        - Off, **On**
    - Use HTTP
      - Off, **On**
    - Port Number Settings
      - LPD
        - 1 to **515** to 65535
      - RAW
        - 1 to **9100** to 65535
      - WSD Multicast Discovery
        - 1 to **3702** to 65535
      - HTTP
        - 1 to **80** to 65535
      - POP3*
        - 1 to **110** to 65535
      - SMTP*
        - 1 to **25** to 65535
      - SNMP
        - 1 to **161** to 65535
    - MTU Size
      - 1300, 1400, **1500**

- **SNMP Settings**
  - SNMPv1 Settings
    - Off, **On**
      - Community Name 1 Settings
        - Off, **On**
          - Community Name
          - MIB Access Permission
      - Community Name 2 Settings
        - **Off**, On
          - Community Name
          - MIB Access Permission
      - Dedicated Community Settings
        - Off, **On**
  - SNMPv3 Settings
    - **Off**, On
  - Acquire Printer Mngt. Info. from Host
    - **Off**, On
- **Dedicated Port Settings**
  - Off, **On**
- **Waiting Time for Connection at Startup**
  - **0** to 300 (sec.)
- **Ethernet Driver Settings**
  - Auto Detect
    - Off, **On**
      - Communication Mode
        - **Half Duplex**, Full Duplex
      - Ethernet Type
        - **10BASE-T**, 100BASE-TX
  - Mac Address
- **IEEE 802.1X Settings**
  - **Off**, On
- **Initialize Network Settings**

Settings marked with an asterisk (*) are only available for the MF249dw / MF247dw.

- **Preferences**
  - **Volume Settings**
    - Fax Tone
      - 0 to **1** to 5
    - Ring Tone
      - 0 to **1** to 5
    - TX Done Tone
      - 0 to **1** to 5
      - Only When Error Occurs
        - **Off**, On
    - RX Done Tone
      - 0 to **1** to 5
      - Only When Error Occurs
        - **Off**, On
    - Scanning Done Tone
      - 0 to **1** to 5
      - Only When Error Occurs
        - **Off**, On
    - Entry Tone
      - Off, **On**
    - Invalid Entry Tone
      - **Off**, On
    - Warning Tone
      - Off, **On**
    - Job Done Tone
      - Off, **On**
    - Energy Saver Alert
      - **Off**, On
    - Original in Feeder Detection Tone
      - Off, **On**
  - **Display Settings**
    - Default Screen after Startup/Restoration
      - **Home**, Copy, Fax, Scan
    - Home Screen Button Display Settings
    - Contrast
      - 5 Levels
    - Invert Screen Colors
      - **Off**, On
    - Millimeter/Inch Entry Switch
      - Millimeter, **Inch**
    - Notify to Check Paper Settings
      - Off, **On**
    - Gram/Pound Switch
      - Gram, **Pound**
    - Notify to Clean Original Scanning Area
      - Off, **On**
    - Message Display Time
      - 1 to **2** to 5 (sec.)
    - Scrolling Speed
      - Slow, **Standard**, Fast
    - Cursor Movement Type
      - **Auto**, Manual
    - Language
      - Chinese (Simplified), Chinese (Traditional), **English**, French, German, Italian, Japanese, Korean, Portuguese, Spanish
    - Remote UI Language
      - Chinese (Simplified), Chinese (Traditional), **English**, French, German, Italian, Japanese, Korean, Portuguese, Spanish

- **Timer Settings**
  - **Quiet Mode Time**
    - Start Time
      - **Off**, On
        - Start time setting to enter quiet mode
    - End Time
      - **Off**, On
        - Stop time setting to exit quiet mode
  - **Date/Time Settings**
    - Date Format
      - YYYY MM/DD, **MM/DD/YYYY**, DD/MM YYYY
    - Time Format
      - **12 Hour (AM/PM)**, 24 Hour
    - Current Date/Time Settings
    - Time Zone
      - (UTC-12:00) International Date Line West to **(UTC-05:00) Eastern Time (US & Canada)** to (UTC+14:00) Kiritimati Island
    - Daylight Saving Time Settings
      - **Off**, On
        - Start: Month, Day
        - End: Month, Day
  - **Auto Sleep Time**
    - **1** to 30 (min.)
  - **Auto Reset Time**
    - 0=Off (Auto Reset is disabled.), 1 to **2** to 9 (min.)
  - **Function After Auto Reset**
    - **Default Function**, Selected Function
  - **Auto Offline Time**
    - 0=Off (The machine remains online.), 1 to **5** to 60 (min.)

- **Common Settings***
  - **Switch Paper Feed Method**
    - Multi-Purpose Tray
      - **Speed Priority**, Print Side Priority
    - Drawer 1
      - **Speed Priority**, Print Side Priority

The settings marked with "*" are only for MF249dw / MF247dw.

- **Copy Settings**
  - **Change Default Settings**
    - Number of Copies
      - **1** to 999
    - Density
      - -4 to **0** to +4, Auto Density
    - Original Type
      - Text, **Text/Photo (High Speed)**, Text/Photo, Photo
    - 2-Sided*1
      - **Off**, 1->2-Sided, 2->2-Sided*2, 2->1-Sided*2, Original/Finishing Type
    - Copy Ratio
      - Custom Ratio, **100% (Direct)**, 400% (Max), 200%, 129% STMT→LTR, 78% LGL→LTR, 64% LTR→STMT, 50%, 25%(Min)
    - N on 1
      - **Off**, 2 on 1, 4 on 1, ID Card Copy, Select Layout
    - Collate
      - **Off**, On
    - Sharpness
      - 7 Levels
  - **Correct Density**
    - -4 to **0** to +4
  - **Initialize Default Settings**

The settings marked with "*1" are only for MF249dw / MF247dw.
The settings marked with "*2" are only for MF249dw.

- **Fax Settings**
  - **Basic Settings**
    - Register Unit Telephone Number
    - Select Line Type
      - Pulse, **Tone**
    - Public Line Connection
      - **Direct**, Adapter 1, Adapter 2
    - Off-Hook Alarm
      - **0** to 5
    - Communication Management Settings
      - TX Start Speed
        - **33600 bps**, 14400 bps, 9600 bps, 7200 bps, 4800 bps, 2400 bps
      - RX Start Speed
        - **33600 bps**, 14400 bps, 9600 bps, 7200 bps, 4800 bps, 2400 bps
  - **TX Function Settings**
    - Change Default Settings
      - Resolution
        - **200 x 100 dpi (Normal)**, 200 x 200 dpi (Fine), 200 x 200 dpi (Photo), 200 x 400 dpi (Superfine)
      - Density
        - 9 Levels
      - 2-Sided Original*1
        - **Off**, Book Type, Calendar Type
      - Sharpness
        - 7 Levels
    - Register Unit Name
    - ECM TX
      - Off, **On**
    - Set Pause Time
      - 1 to **2** to 15 (sec.)
    - Auto Redial
      - Off, **On**
        - Number of Times to Redial
          - 1 to **2** to 10 (times)
        - Redial Interval
          - **2** to 99 (min.)
        - Redial When Error Occurs
          - Off, **On**
    - TX Terminal ID
      - Off, **On**
        - Print Position
          - Inside Image Area, **Outside Image Area**
        - Mark Number as
          - **FAX**, TEL
    - Check Dial Tone Before Sending
      - **Off**, On
    - Allow Fax Driver TX
      - Off, **On**
    - Confirm Entered Fax Number
      - **Off**, On
    - Restrict Sequential Broadcast
      - **Off**, Confirm Sequential Broadcast, Reject Sequential Broadcast
  - **Initialize Default Settings**
  - **RX Function Settings**
    - ECM RX
      - Off, **On**
    - Incoming Ring
      - Off, **On** (No. of Rings)
        - 1 to **2** to 99 (times)
    - Remote RX
      - Off, **On** (Remote RX ID)
        - 00 to **25** to 99
    - Switch to Auto RX
      - **Off**, On (Ring Time Till Auto RX)
        - 1 to **15** to 99 (sec.)
    - Memory Lock Settings
      - **Off**, On
        - Report Print
          - Off, **On**
        - Memory Lock Time
          - **Off**, On
            - Memory Lock Start Time
            - Memory Lock End Time
  - **RX Print Settings**
    - Print on Both Sides*2
      - **Off**, On
    - Reduce RX Size
      - Off, **On**
        - Ratio
          - **Auto**, 97%, 95%, 90%, 75%
        - Direction
          - Vertical/Horizontal, **Vertical Only**
    - RX Page Footer
      - **Off**, On
    - Continue Print. When Near Cart. Life End
      - **Off**, On
  - **Forwarding Settings***2
    - Enable Forwarding Settings
      - **Off**, On
    - Print Images
      - Off, **On**, Only When Error Occurs
    - Store Images in Memory
      - **Off**, Only When Error Occurs
  - **Fax Setup Guide**

Settings marked with "*1" are only available for the MF249dw.
Settings marked with "*2" are only available for the MF249dw / MF247dw.

- **Scan Settings**
  - **E-Mail Settings***1
    - Change Default Settings
      - Scan Size
        - **LTR**, LGL, STMT
      - Color Mode
        - **Color**, Black & White
      - File Format
        - **PDF**, PDF (Compact), JPEG, TIFF
      - Density
        - 9 Levels
      - Original Orientation
        - **Portrait**, Landscape
      - Original Type
        - Text, **Text/Photo**, Photo
      - 2-Sided Original*2
        - **Off**, Book Type, Calendar Type
      - Sharpness
        - 7 Levels
      - Data Size
        - Small: Memory Priority, **Standard**, Large: Image Quality Priority
      - Subject/Message
        - Subject
        - Message
      - Reply To
        - **None**, Specify from Address Book
      - Priority
        - Low, **Standard**, High
    - Initialize Default Settings
  - **File Settings***1
    - Change Default Settings
      - Scan Size
        - **LTR**, LGL, STMT
      - Color Mode
        - **Color**, Black & White
      - File Format
        - **PDF**, PDF (Compact), JPEG, TIFF
      - Density
        - 9 Levels
      - Original Orientation
        - **Portrait**, Landscape
      - Original Type
        - Text, **Text/Photo**, Photo
      - 2-Sided Original*2
        - **Off**, Book Type, Calendar Type
      - Sharpness
        - 7 Levels
      - Data Size
        - Small: Memory Priority, **Standard**, Large: Image Quality Priority
    - Initialize Default Settings
  - **Register Unit Name (E-Mail)***1
  - **Output File Image Settings***1
    - YCbCr TX Gamma Value
      - Gamma 1.0, Gamma 1.4, **Gamma 1.8**, Gamma 2.2
  - **Shortcut Key Settings**
    - Register
      - Scan -> PC1
        - **Off**
        - USB Connection
          - Color Scan, B&W Scan, Custom 1, Custom 2
        - Network Connection
          - Color Scan, B&W Scan, Custom 1, Custom 2
      - Scan -> PC2
        - **Off**
        - USB Connection
          - Color Scan, B&W Scan, Custom 1, Custom 2
        - Network Connection
          - Color Scan, B&W Scan, Custom 1, Custom 2
    - Confirm Destination
      - Scan -> PC1
      - Scan -> PC2

Settings marked with "*" are only available for the MF249dw / MF247dw.

- **Printer Settings**
  - **Action When Paper Size Mismatch**
    - Force Output, **Display Error**
  - **Mobile Print Halftones**
    - **Gradation**, Error Diffusion
  - **Copies***
    - **1** to 999
  - **2-Sided Printing***
    - **Off**, On
  - **Default Paper***
  - **Print Quality**
    - Density*
      - 17 Levels
      - Fine Adjust
        - High: 17 Levels
        - Medium: 17 Levels
        - Low: 17 Levels
    - Toner Save
      - **Off**, On
    - Special Print Mode*
      - **Off**, Special Settings 1, Special Settings 2
    - Resolution*
      - 1200 dpi, **600 dpi**
    - Density Fine Adjustment*
      - -1 to **0** to +1
  - **Layout***
    - Binding Location
      - **Long Edge**, Short Edge
  - **Timeout***
    - 5 to **15** to 300 (sec.)
  - **PCL***
    - Paper Save
      - **Off**, On
    - Orientation
      - **Portrait**, Landscape
    - Font Number
      - **0** to 54
    - Point Size
      - 4.00 to **12.00** to 999.75 (point)
    - Pitch
      - 0.44 to **10.00** to 99.99 (cpi)
    - Form Lines
      - 5 to **60** to 128 (lines)
    - Character Code
      - DESKTOP, ISO4, ISO6, ISO11, ISO15, ISO17, ISO21, ISO60, ISO69, ISOL1, ISOL2, ISOL5, ISOL6, LEGAL, MATH8, MCTEXT, MSPUBL, PC775, **PC8**, PC850, PC852, PC8DN, PC8TK, PC1004, PIFONT, PSMATH, PSTEXT, ROMAN8, VNINTL, VNMATH, VNUS, WIN30, WINBALT, WINL1,
    - Custom Paper
      - **Off**, On
    - Unit of Measure
      - Millimeters, **Inches**
    - X dimension
      - 3 to **8 1/2** (inches) or 77 to **216** (mm)
    - Y dimension
      - 5 to **14** (inches) or 127 to **356** (mm)
    - Append CR to LF
      - Yes, **No**
    - Enlarge A4 Print Width
      - **Off**, On
    - Halftones
      - Text
        - Color Tone, Gradation, **Resolution**
      - Graphics
        - **Color Tone**, Gradation, Resolution
      - Images
        - **Color Tone**, Gradation, Resolution

Settings marked with "*" are only available for the MF249dw / MF247dw.

Menu Route Map

- **Adjustment/Maintenance**
  - **Displ. Timing for Cartridge Prep. Notif.**
    - **Auto**, Custom
      - 10 to **20** to 99 (%)
  - **Toner Save**
    - Copy
      - **Off**, On
    - Fax
      - **Off**, On
  - **Special Processing**
    - Special Printing Mode U
      - **Off**, On
    - Special Printing Mode V
      - **Off**, Mode 1, Mode 2, Mode 3
    - Special Printing Mode X
      - Off, **Mode 1**, Mode 2, Mode 3, Mode 4
    - Special Printing Mode Z
      - Copy
        - Off, Mode 1, **Mode 2**, Mode 3, Mode 4
      - Fax
        - Off, Mode 1, **Mode 2**, Mode 3, Mode 4
    - Special Printing Mode B
      - **Off**, Mode 1, Mode 2, Mode 3
    - Special Printing Mode C
      - **Off**, On
    - Special Printing Mode D
      - Copy
        - **Off**, On
      - Print
        - **Off**, On
    - Special Printing Mode I
      - **Off**, On
    - Special Printing Mode J
      - **Off**, On
    - Special Printing Mode K
      - **Off**, On
  - **Clean Fixing Assembly**

- **System Management Settings**
  - **Network Settings**
    - →Network Settings
  - **System Manager Information Settings**
    - System Manager PIN
    - System Manager Name
  - **Device Information Settings**
    - Device Name
    - Location
  - **Security Settings**
    - Use TLS
      - **Off**, On
    - IPv4 Address Filter
      - **Off**, On
    - IPv6 Address Filter
      - **Off**, On
    - MAC Address Filter
      - **Off**, On
  - **Select Country/Region**
    - **United States (US)**, Canada (CA), Brazil (BR), Mexico (MX), Other
  - **Remote UI Settings**
    - Use Remote UI
      - Off, **On**
    - Remote UI Access Security Settings
      - **Off**, On
  - **Auto Online for Remote Scan**
    - Off, **On**
  - **Restrict TX Function**
    - Address Book PIN
    - Restrict New Destinations
      - **Off**, On
    - Restrict Resending from Log
      - **Off**, On
    - One-Touch/Coded Dial TX Confirmation
      - **Off**, On
  - **Display Job Log**
    - Off, **On**
  - **Use as USB Device**
    - Off, **On**
  - **Enable Product Extended Survey Program**
    - Off, **On**
  - **Displ. Consmbls. Info (RUI/Toner Status)**
    - Displ. Consumables Purchase Button (RUI)
      - Off, **On**
    - Toner Status Settings
      - Off, **On** (Displ. Purchase Button)
        - Off, **On**
  - **Google Cloud Print Settings**
    - Enable Google Cloud Print
      - Off, **On**
    - Google Cloud Print Registration Status
  - **Import/Export Address Book**
  - **PDL Selection (Plug and Play)**
    - Network
      - FAX, **UFRII LT**, UFRII LT (V4), PCL6*
    - USB
      - **UFRII LT**, UFRII LT (V4), PCL6*
  - **Update Firmware**
    - Via PC, Via Internet, Version Information
  - **Initialize Address Book**
  - **Initialize Eco Report Counter**
  - **Initialize Menu**
    - Preferences
    - Timer Settings
    - Common Settings*
    - Copy Settings
    - Fax Settings
    - Scan Settings
    - Printer Settings
    - Adjustment/Maintenance
    - System Management Settings
      - Network Settings
      - System Manager Information Settings
      - Device Information Settings
      - Security/Remote UI Settings
      - Auto Online for Remote Scan
      - Restrict TX Function
      - Display Job Log
      - Use as USB Device
      - Enable Product Extended Survey Program
      - Displ. Consmbls. Info (RUI/Toner Status)
      - Google Cloud Print Settings
      - PDL Selection (Plug and Play)
      - Initialize All
    - Initialize All
  - **Initialize All Data/Settings**

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