

Through a lot of Google searching and experimentation I figured it out - I am posting here in hopes that it helps others. This definitely worked on a Ricoh Aficio MP 171 and I am assuming it will work on most Aficio MP models.

How to configure Ricoh Aficio's for VoIP

Here is the procedure to configure Ricoh Aficio MP 171, 301, etc. fax machines to work with faxing over VoIP.

1. Press the yellow "Clear Modes" button

2. Press the numbers 1 0 7

3. Press and hold the Clear/Stop button. After 3-4 seconds you should see on the screen:

[SP Mode (Service)]

1. Copy Sp 2. Fax Sp

3. Printer Sp 4. Scanner Sp

4. Press 2 (Fax Sp)

5. You should see on the screen:

FAX (Class1) 0~9/<>/ok

1. BIT SW

6. Leave as "1. BIT SW" and press the OK button

7. You should see on the screen:

FAX (Class2) 0~9/<>/ok

1. 101 System Switch

8. Press the right arrow button (->) until you see "1. 105 G3-1 Switch"

9. Press the OK button

10. You should see on the screen:

FAX (Class3) 0~9/<>/ok

1. 105.001 00 (and the 001 will have a flashing underline showing)

(7) 0000 0001 (0) [01]

(0000 0001) [01]

11. Press the right arrow button (->) until you see "1. 105.006 05"

12. Press the OK button

13. You should see on the screen:

FAX (Class3) <>

1. 105.006 05

(7) 0000 1110 (0) [0E]

(0000 1110) [0E]

14. The "(0000 1110) [0E]" is the system default value. The "(7) 0000 1110 (0) [0E]" is the setting you are changing.

15. You can toggle each bit (7 through 0) by pressing that number on the keypad. So pressing 3 would toggle bit 3 from 1 to 0. You want to toggle bits 3 and 1, so press 3 then 1 on the keypad.

16. You should see on the screen:

FAX (Class3) <>

1. 105.006 05

(7) 0000 0100 (0) [04]

(0000 1110) [0E]

17. Press the OK button

18. You have now set the Transmit baud rate to 9600.

19. Press the right arrow (->) button once.

20. You should see on the screen:

FAX (Class3) <>

1. 105.007 06

(7) 0101 1110 (0) [5E]

(0101 1110) [5E]

21. You can toggle each bit (7 through 0) by pressing that number on the keypad. So pressing 3 would toggle bit 3 from 1 to 0. You want to toggle bits 3 and 1, so press 3 then 1 on the keypad.

22. You should see on the screen:

FAX (Class3) <>

1. 105.007 06

(7) 0101 0100 (0) [54]

(0101 1110) [5E]

23. Press the OK button

24. You have now set the Receive baud rate to 9600.

25. Press the Escape key several times until you exit all the way out.

BAUD RATE SETTINGS

SP 1-105-006 (G3 SW 05) Bit 0 and 1 to 0 / Bit 2 to 1 / Bit 3 to 0

SP 1-105-007 (G3 SW 06) Bit 0 and 1 to 0 / Bit 2 to 1 / Bit 3 to 0

SP 1-105-004 BIT 2 TO 0 TO DISABLE V.8 WHEN SET BELOW 14.4K

TURN OFF ERROR CORRECTION

COMMUNICATION SWITCH 01 (SP 1-104-002) NUMBER 0 ECM 0 = OFF 1 = ON