

MX-5200 series operation compared to MX-5000 series



The MX-5200 Soldering, Desoldering and Rework Series offers the same increased power and process control as the MX-5000 series, now with dual-simultaneous ports. The MX-5200 can be operated with two hand-pieces dynamically sharing the 80 watts output power based on demand, adding even more application flexibility and speed. The MX-5200 operation varies slightly from the MX-5000, this document explains the differences.

Visual Comparison

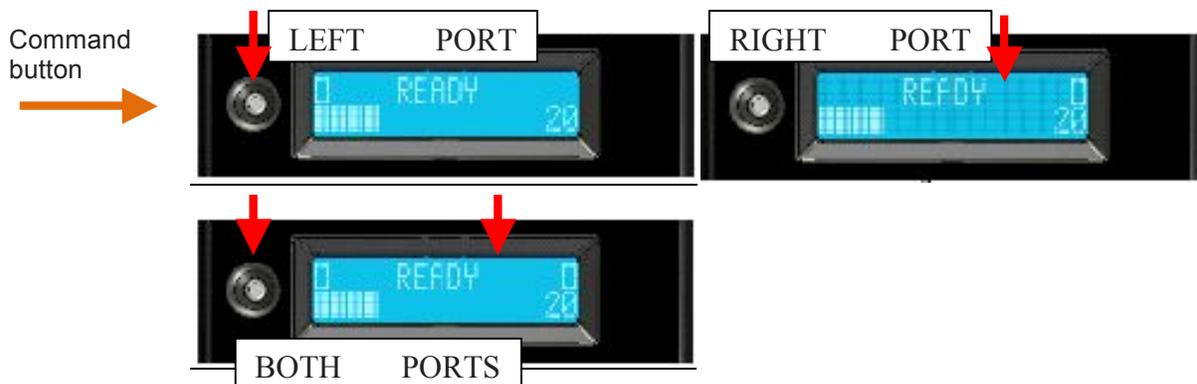
The MX-5200 power supply is in the same housing as MX-5000. The primary visual differences will be the red on/off switch (w/ power light) at top (MX-5000 switch was solid black) & the rear label with model number. All peripherals & accessories such as hand-pieces, workstands & tips remain the same



Operation Comparison

1) Dual simultaneous output function

The MX-5200 has 3 options for selecting active port outputs: left port active only, right port active only, or both left & right ports active simultaneously. The active port selection is still made by using the command button located on the left side of the LCD screen display. The active port(s) are still designated by the 'blinking' indicator in upper left and/or right of the screen. If the left port is active (blinking indicator left), then by pushing the command button once, the active port output switches to right (blinking indicator right), as with MX-5000. With MX-5200, if pushing the command button one more time, then both right & left port outputs are active, with blinking indicators both left & right on the upper part of the screen.



Note: In order to have dual output function, both ports must have working hand-pieces/tips connected. If one port is 'open' with nothing connected, then it will not be possible to go to dual output mode; the open port will generate the 'open error' with no function on either port. To correct, push command button to get back to the connected port.

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Example A: Left port connected, right port open:

Left port active -> press command button -> right port 'open error' -> press command button -> attempt dual active ports, but right port generates 'open error', no function -> press command button **2x** -> go back to left port active.

Example B: Left port open, right port connected:

Left port 'open error' -> press command button -> right port active -> press command button -> left port 'open error' -> press command button -> right port active (in this case, the unit will not even attempt to go to dual port mode with left port open).

As with MX-5000, when powering down MX-5200, the last active port setting is saved and will be enabled the next time the system is powered on.

2) Output power

Note: The total maximum output power of the MX-5200 power supply is still the same as the MX-5000, 80W total. If using only one active output on either the left or right port, the maximum output power for the single port will be 80W, same as MX-5000. If using dual simultaneous output, where both ports are active, the total power for both ports together is still 80W. In other words, the 80W is divided between the 2 active ports as needed. There is only one power meter reading; in dual active output mode this is a 'summation' of the power for both ports.

For any questions about operation/compatibility, etc., please contact OK Technical Service at: support@okinternational.com or 1 (714) 799-9910 ask for tech support