

January 13, 2022 Update to notification sent on January 11, 2022

- 5X Color Display will be reactivated, production and shipment will resume
- o 5X Mono Display temporary supply issues expected
- 5X PID with monochrome display still planned as the long term solution

Dear MSA Customer,

The global market for electronic components is going through an unprecedented and tumultuous period. Virtually all industries have been impacted, MSA has not been immune to this. The volatility of the supply chain along with pandemic related labour interruptions has forced MSA to temporarily extend the standard lead time for the ALTAIR 5X product line from 5 days to 60 days. However, MSA is doing everything in our power to reduce or eliminate supply chain constraints to ship as soon as realistically possible. In addition to the lead time extension, there are additional updates below:

ALTAIR 5X & ALTAIR 5X PID Color Display Update:

Due to the diligence of the MSA Global Sourcing team, we were able to secure a significant supply of necessary components to resume production of the ALTAIR 5X with color display and ALTAIR 5X PID (which includes a color display). This is a reversal of the messaging from Q4-2021 where we communicated that the color display would be discontinued.

ATO instrument type "B" and "D" will be reactivated along with all associated part numbers. MSA will begin to accept orders January 18, 2022 for all color display variants of the ALTAIR 5X and ALTAIR 5X PID.

MSA will be capable to ship color display versions of the ALTAIR 5X and ALTAIR 5X PID under standard lead times.

Please note that the long term availability of the color display is uncertain. MSA will be opportunistic and offer it when available, however, future supply issues may continue to occur.

ALTAIR 5X Monochrome Display Update:

There has been a temporary supply chain interruption for the 5X monochrome display. All ALTAIR 5X orders placed before January 25th (approximated date) will be fulfilled under standard lead times. Any order placed after January 25th delivery will be delayed until approximately late-May.

The ALTAIR 5X with a color display should be used as a replacement for all versions of the ALTAIR 5X with monochrome display except the ALTAIR 5X MINING and ALTAIR 5X with IR sensor versions. The mining and IR version will experience

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increased lead times and do not have color display alternatives available. All other mono-to-color equivalents are captured on the table on the final page of this document. MSA Corporate Center

ALTAIR 5X PID with Monochrome Display Launch Update:

As an addition to our ALTAIR 5X offering, MSA is still planning to launch a monochrome version of the ALTAIR 5X PID. The expected launch is in May 2022.

ALTAIR 5X and ALTAIR 5X PID Product Line future:

The ALTAIR 5X and ALTAIR 5X PID are high priority product lines and we will continue to do our best to support both the monochrome and color variants in the foreseeable future. However, the monochrome display version is the preferred variant due to the more stable supply chain. All versions of the ALTAIR 5X line including the 5X, 5X IR, 5X PID, and 5X MINING are available with a monochrome display.

Warranty and Service Implications:

Color Display Replacements (10148366-SP & 10148366) may become available again for service in late Q1/early Q2 as the supply permits.

Monochrome Display Replacements (10111389) will continue to be available, but may experience supply interruptions in the first half of 2022.

The ALTAIR 5X and ALTAIR 5X PID will continue to be serviceable, both in-warranty and out-of-warranty.

If a display needs serviced on an ALTAIR 5X, MSA will attempt to replace it with the same type that was previously installed, however if supply issues occur, a service center is capable of making the following replacements:

ALTAIR 5X Dis	splay Replacement	Options

	Type of display currently in detector	Type of display suitable for service replacement
ALTAIR 5X	monochrome	monochrome or color
ALTAIR 5X	color	color or monochrome
ALTAIR 5X IR	monochrome	monochrome
ALTAIR 5X MINING	monochrome	monochrome
ALTAIR 5X PID	color	color or (monochrome after May 2022)
ALTAIR 5X PID	monochrome (available May 2022)	monochrome or color

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We sincerely apologize for the inconvenience caused by these global supply chain issues. Please be assured that MSA is committed to maintaining continuity of supply for your gas MSA Corporate Center detection needs in the best way possible and will continue to communicate changes in the 1000 Cranberry Woods Drive market if they occur. We truly appreciate your continued support and patience. Should you Cranberry Township, PA 16066 have any questions or concerns please don't hesitate to contact MSA Customer Service..

Kind regards,

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The table below lists part numbers for the ALTAIR 5X with color display and the equivalent ALTAIR 5X with monochrome display. For part numbers not specifically listed here, please contact MSA for support.

Color	Мана
Color 10184221	<u>Mono</u> 10115118
10115142	10115118
10115143	10115120
10119595	10116924
10116928	10116926
10116929	10116927
10119614	10119600
10120208	10120209
10126539	10125977
10127856	10127855
10119658	10128108
10197393	10120100
10181250	10143654
10153136	10145879
10197579	10153444
10164994	10162307
10177339	10177340
10182706	10177341
10197564	10178973
10198204	10181851
10197516	10182528
10191021	10183276
10199977	10195666
10191096	10197512
10177342	10197544
10198862	10197545
10197394	10198162
10186096	10198600
10215971	10199899
10150096	10200225
10216184	10200473
10215972	10215962
10196770	10215963
10194028	10216449
10190431	10217056
10181015	10217755
10200981	10217756
10189240	10217757
10196791	10217915
10215973	10219887
10220122	10225138