

DUO-TOUCH MODULES



DUO-TOUCH® (AT-xM-2A) Upgrade Product Note

This document provides assistance to upgrade an existing DUO-TOUCH® two-hand control system to a DUO-TOUCH® SG two-hand control system.

Overview

Due to an obsolete component, Banner Engineering has issued notification that all legacy DUO-TOUCH® two-hand control modules are being discontinued. Affected model numbers include: AT-FM-2A, AT-AM-2A, AT-BM-2A, and their respective kit and derivative model numbers.

If an existing DUO-TOUCH® two-hand control system is installed and operational, there is no need to perform this upgrade.

However, if necessary or desired, upgrading an existing AT-xM-2A system in the field can be accomplished with the following information.

Identify Existing DUO-TOUCH® Module and Replacement DUO-TOUCH® SG Module

Existing DUO-TOUCH® Base Module	Replacement DUO-TOUCH® SG Base Module
AT-FM-2A, 24V ac/dc	AT-FM-10K, 24V ac/dc
AT-AM-2A, 115V ac	AT-GM-13A, 115V ac or 24V dc
AT-BM-2A, 230V ac	AT-HM-13A, 230V ac or 24V dc

Note that the relay outputs are different between the DUO-TOUCH® two-hand control modules and the DUO-TOUCH® SG two-hand control modules:

AT-xM-2A 2 NO safety outputs and 1 NC auxiliary output

AT-FM-10K 2 NO safety outputs

AT-xM-13A 4 NO safety outputs and 1 NC auxiliary output



Identify Existing Buttons and Contact Situation

The DUO-TOUCH® SG two-hand control modules can obtain a higher level of safety vs. the legacy DUO-TOUCH® series because they require two outputs from each button. As a result, one or both existing buttons may need to be upgraded as well as the specific two-hand control safety module.

Existing Button Type	Existing Situation	Use with DUO-TOUCH® SG Module
Mechanical	Do they have a single or complementary contact?	Mechanical buttons must each have a NO and NC contact
Relay output OTB	Are all existing button wires accessible and usable?	Relay output OTB can be used with DUO-TOUCH® SG modules
Solid State output OTB	Are all existing button wires accessible and usable?	Any OTBVNx button must be replaced with the appropriate OTBVPx button
Note: to achieve the highest level of safety, OTB series buttons must be replaced with STB series buttons		

Additional Safety Upgrade Options

If a more encompassing or a complete safety upgrade is desired, the use of Banner Engineering's industrial Safety Controller platforms (XS26-2, SC26-2, and SC22-3) may also be used for your two-hand control needs.

Please contact your local Banner Engineering sales and technical support teams or please visit www.bannerengineering.com for additional information.