

TECHNICAL INFORMATION BULLETIN

FC501 Fire Controller Repeater Compatibility

1 Introduction

It has come to light that the FC500 Repeater does not work reliably with the FC501 Fire Controller. Until further notice if a Repeater(s) is required to be used in conjunction with an FC501 it is ESSENTIAL that the repeater used is the earlier FC500REP Repeater.

This issue will be resolved in a future version of firmware.

2 Details

The new FC500 Repeater [Part no. 557.200.727] will operate correctly and without issue when used with either the FC503 or FC506 Fire Controller. However, it has come to light that it will NOT work correctly when used with the FC501 Fire Controller.

The issue will prevent the successful commissioning of an FC500 Repeater when used with the FC501 Fire Controller.

This compatibility issue is present in all current versions of FC501 Firmware up to and including the current version (at time of writing) **FW011402**.

Until this issue is resolved in a future firmware release the previous FC500REP Repeater [Part no. 557.200.723] MUST be used on installations that utilise the FC501 Fire Controller.

Please see table 1 below for full compatibility information.

Fire Controller	Compatible Repeater	Comments
FC501 (All Variants)	FC500REP [557.200.723]	FC501-H [557.200.718] FC501-L [557.200.719] FC501 –HK [557.200.720]
FC503 3 loops 250 points [557.200.725]	FC500 [557.200.727]	
FC506 6 loops 500 points [557.200.726]	FC500 [557.200.727]	

Table 1 – Compatibility Information.

TECHNICAL INFORMATION BULLETIN

The legacy FC510 and FC520 are only compatible with the FC500REP Repeater.

3 How to visually identify an FC500 and FC500REP Repeater



Figure 1 – FC500 Repeater [557.200.727]



Figure 2 – FC500REP Repeater [557.200.723]

4 Returns

Any unused FC500 Repeater that was intended to be used with an FC501 fire controller and which is not required elsewhere can be return for credit following your normal returns process. Please obtain an RMA number and quote TIB1093 on any returns paperwork.

5 Technical Support

Please send Technical Support Issues to Techservices-Detection@tycoint.com

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