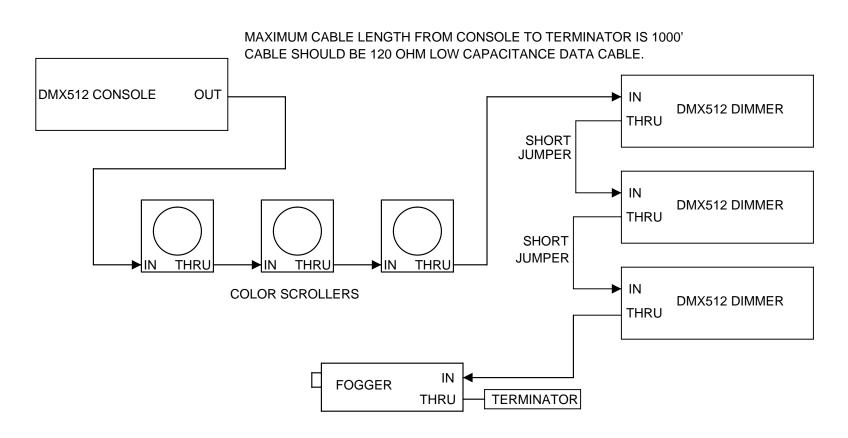


A SIMPLE DMX512 CONTROLLED DIMMER SYSTEM

(WHAT DMX512 WAS DESIGNED TO DO)

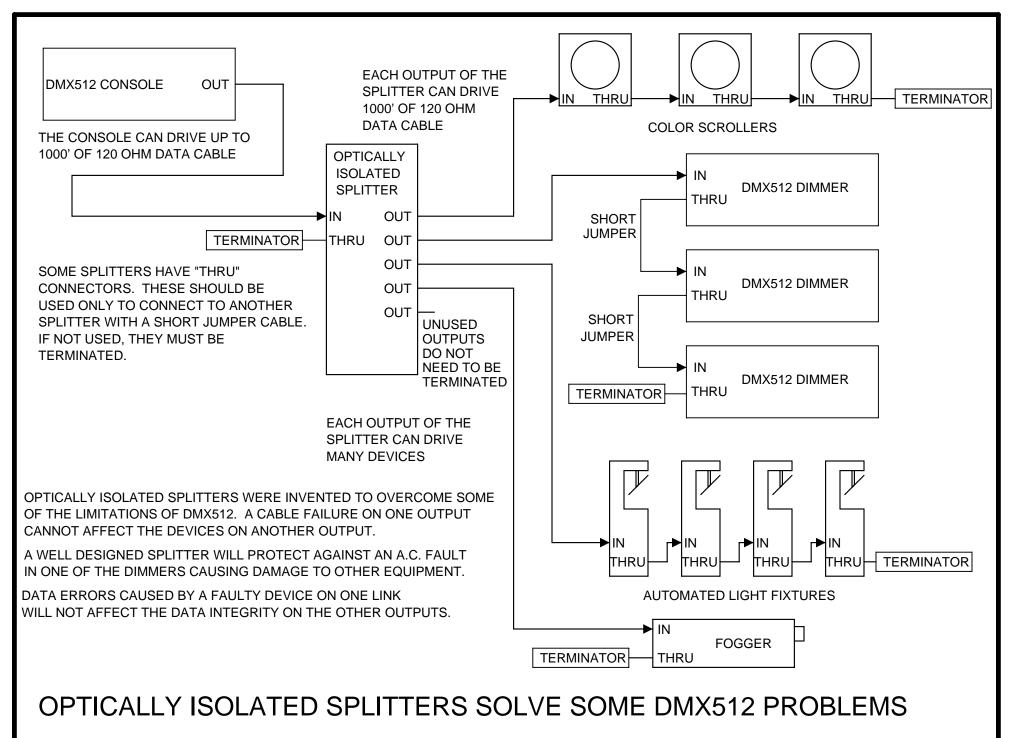


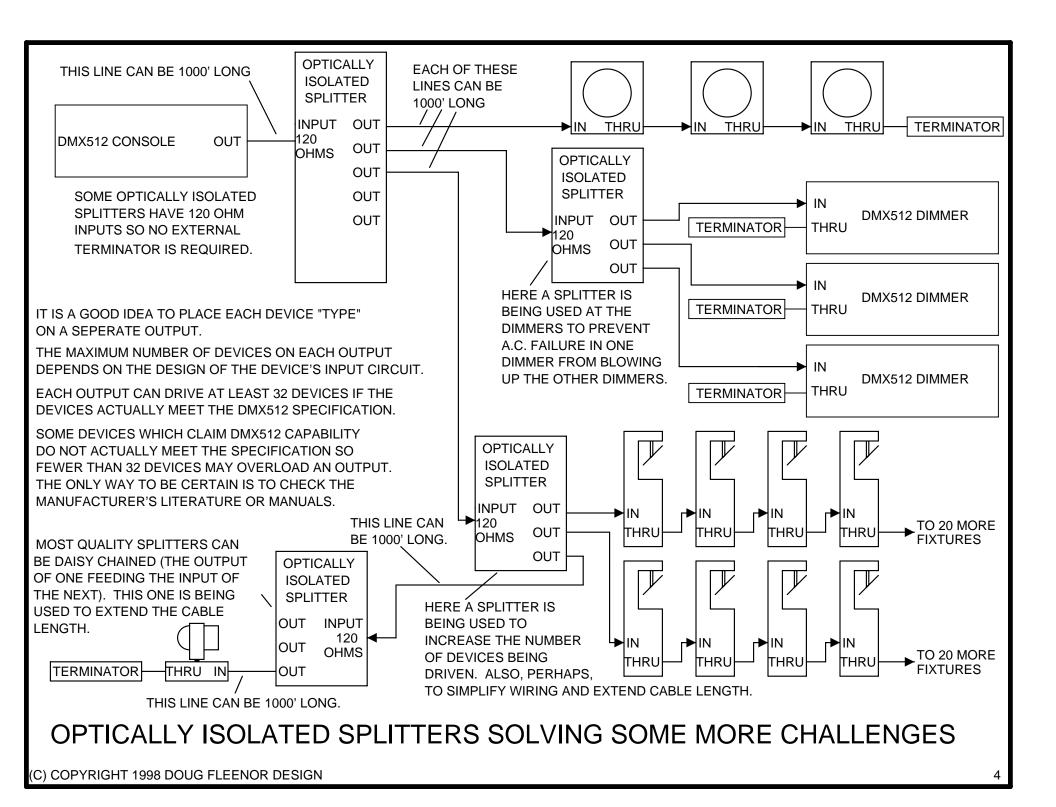
ALL DEVICES ON A DMX512 LINK ARE CONNECTED IN A DAISY CHAIN. THE OUTPUT OF ONE FEEDS THE INPUT OF THE NEXT.

A CABLE FAILURE ANYWHERE ON THE LINK CAN BRING THE ENTIRE SYSTEM DOWN. AN A.C. FAULT IN ONE OF THE DIMMERS CAN BLOW UP EVERY PIECE OF EQUIPMENT ON THE DMX512 LINK: CONSOLE, SCROLLERS, FOGGER, ETC.

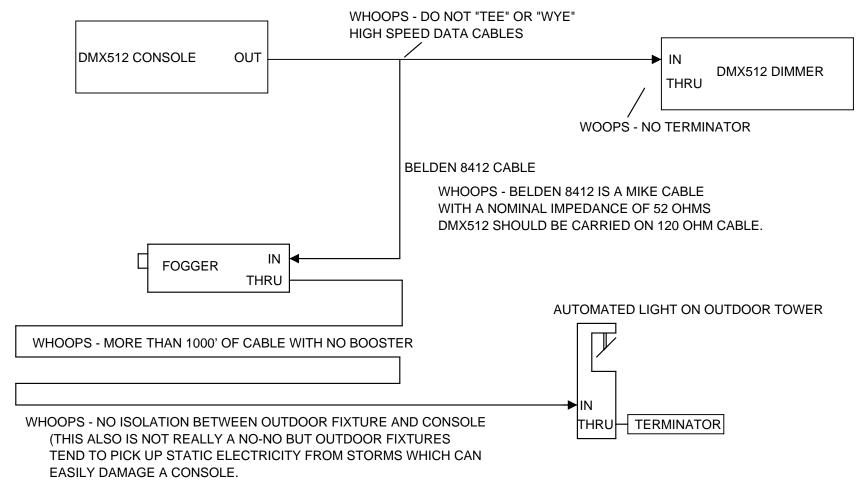
DEPENDING ON THE PRODUCT DESIGN, AS FEW AS 5 DEVICES MAY OVERLOAD THE CONSOLE'S ABILITY TO DRIVE THE SYSTEM.

SOME LIMITATIONS OF THE ORIGINAL DMX512 SPECIFICATION

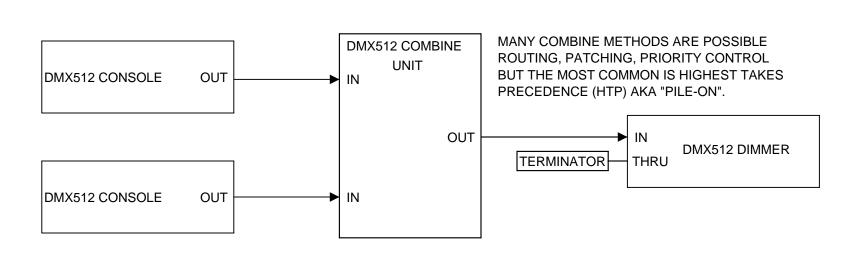




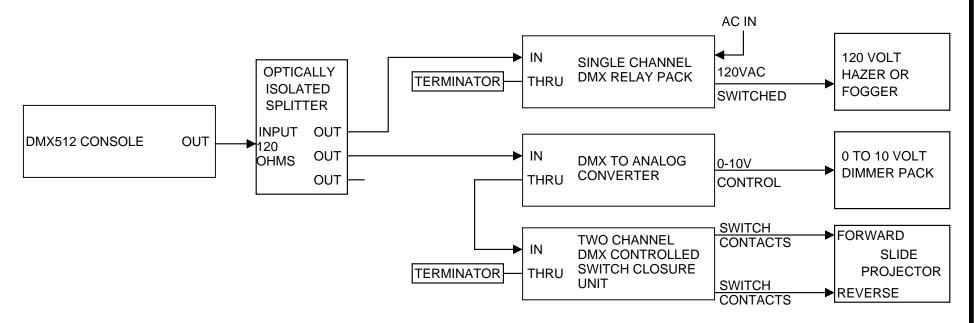
WHOOPS - NO ISOLATION BETWEEN DIMMER AND CONSOLE (THIS ISN'T REALLY A NO-NO BUT CAN RESULT IN DAMAGE TO THE CONSOLE SHOULD THE DIMMER FAIL).



SOME DMX512 NO-NO'S



MULTIPLE CONSOLES CAN CONTROL THE SAME LIGHTS WITH A DMX COMBINE COMPUTER



NON DMX DEVICES CAN BE CONTROLLED WITH VARIOUS ADAPTERS