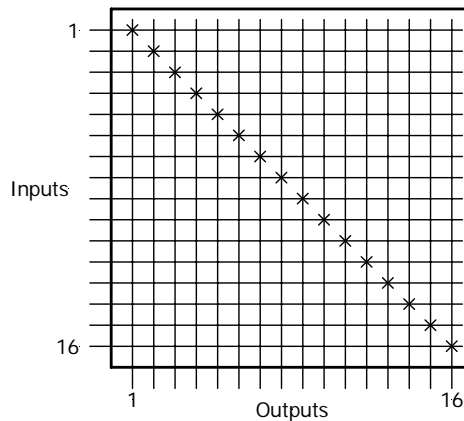
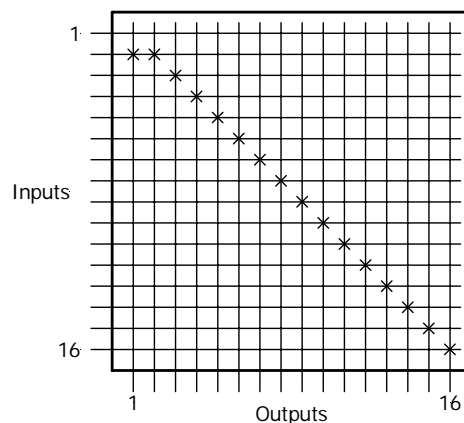


How Do I Turn Off a Router Crosspoint?

Consider a 16x16 router which has 256 crosspoints. Of these 256 crosspoints, a maximum of 16 crosspoints can be turned on at any one time. The diagram below shows the crosspoint status of a 16x16 router where Input 1 is routed to Output 1, Input 2 is routed to Output 2 etc.



Since an output can never have more than one input routed to it, an existing crosspoint is turned off by simply routing a new input to that output. This will be the case whether switching from a control panel using Source and Destination keys, or a single Crosspoint key. In the diagram below, selecting Input 2 as the new source routed to Output 1 turns off the crosspoint routing Input 1 to Output 1, and turns on the crosspoint routing Input 2 to Output 1:



In a multilevel system, it is also possible to leave crosspoint switches in tact for small routers or partitions that have inputs which could be out of range when switching on the tied breakaway. Please refer to Codan Broadcast application note **AN-003 Using the Ignore Out Of Range Inputs Configuration Option** for more information.