



Custom Room Combining right out of the box!

Maximum choice, minimum programming effort puts the installer in command.

Ivie matrix mixers have always had built-in room combining capability, but now that capability has become much more powerful and flexible - it can be customized by the installer.

Previously, serial room combining requirements (A+B, B+C, C+D and so on...) were standard with Ivie matrix mixers, but requirements that were not serial (A+C, B+D, A+E and so on...) necessitated a special ROM from the factory. Now, with a feature addition to the ANSW software, complex room combining requirements can be programmed by the installer.

Ivie matrix mixers can now combine up to eight rooms with up to eleven combining nodes and all eleven nodes can be contact closure activated! If "contact closure" activation of more than

five room combining nodes is needed, the software allows the reassignment, for use in room combining, of up to six more contacts normally associated with presets. This, of course, reduces the number of contacts available for activating presets, but the allocation of resources is determined by the installer, based on the requirements of the application.

Ivie has made the programming for room combining as simple as possible. A number of common, room combination templates are provided that, when selected by a single "click" of the mouse, complete the necessary programming.

If the room layout does not follow one of the provided templates, step-by-step programming of the various room combinations can be done and there are help screens and programming examples to step the programmer through the process.

Programmable Room Combinations

Terminals on rear of mixer	Mix Buses								Function Outputs							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Cmb 1+2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cmb 2+3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cmb 3+4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cmb 4+5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cmb 5+6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preset 14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preset 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preset 12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preset 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preset 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preset 9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

A B C D A(E) B(F) C(G) D(H)
 To Master Outputs on 1st Mixer To Master Outputs on 2nd Mixer

Initial Combine Level:

♦ = Function Output "ON"
 □ = Function Output "OFF"
 No Red = No Change

Set Individual Function Outputs to Follow Gating, or any Combination of Preset and Room Combine Activation!

Individual choice: Function outputs can follow gating, or various combinations of preset and room combine activation.

In addition to programming custom room combinations, the new ANSW software now allows the setting of the individual function outputs to follow desired events.

The 884PW Automatic Matrix Mixer, for example, comes from the factory programmed such that a function output "latches" when its associated channel is active, or "gated on."

All function outputs can be left to follow gating, or they may be changed to follow any combination of Preset and/or Room Combine activation.

The function outputs are open collectors that may be used to illuminate LED's, switch cameras, trigger relays (a relay power supply would be required) or provide logic for similar applications. Being able to trigger them from various functions of the Ivie matrix mixers adds a great deal of power and flexibility to the already versatile Ivie matrix mixers.

For further information, check Ivie's web site, or contact us at the factory.