

PED DETECTOR PROGRAMMING DETAIL

Front Panel
Main Menu >Controller >Detector >Ped Det Plans

Web Interface
Home >Controller >Detector Configuration >Pedestrian Detector

Plan 1

Detector	Description	Call Phase	Call Overlap
2		2	0
4		4	0
6		6	0
8		3	0

NOTICE PHASE 3 PED
ASSIGNED TO
PED 8 DETECTOR →

OUTPUT CHANNEL CONFIGURATION

Front Panel
Main Menu >Controller >More>Channels>Channels Config

Web Interface
Home >Controller >Advanced IO>Channels>Channel Configuration

Channel Configuration

Channel	Control Type	Control Source	Flash Yellow	Flash Red	Flash Alt	MMU Channel
1	Overlap	1	X		X	1
2	Phase Vehicle	2	X			2
3	Overlap	2		X	X	3
4	Phase Vehicle	4		X		4
5	Phase Vehicle	5		X		5
6	Phase Vehicle	6	X		X	6
7	Overlap	4		X		7
8	Phase Vehicle	3		X	X	8
9	Overlap	1	X		X	9
10	Overlap	2		X	X	10
11	Overlap	3	X			11
12	Overlap	4		X		12
13	Phase Ped	2				13
14	Phase Ped	4				14
15	Phase Ped	6				15
16	Phase Ped	3				16
17	Overlap	5		X	X	17
18	Overlap	6		X		18

NOTICE CONTROL
TYPE & FLASH →

NOTICE CONTROL
TYPE & SOURCE →

NOTICE CONTROL
TYPE & SOURCE →

NOTICE PHASE 3
ASSIGNED TO CHANNEL 8

NOTICE PHASE 3 PED
ASSIGNED TO CHANNEL 16 →

OUTPUT POINTS CONFIGURATION

Front Panel
Main Menu >Controller >More >Advanced IO >Output Points

Web Interface
Home >Controller >Advanced IO >Cabinet Configuration >Output Points

IO Module 1

Output Point	Description	Output Control Type	Index
33	C1-35	Phase Green	1
34	C1-36	Not Active	15
35	C1-37	Not Active	14
36	C1-38	Not Active	16

NOTICE
OUTPUT CONTROL
TYPE & INDEX →

OVERLAP PROGRAMMING

Front Panel
Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

Web Interface
Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

Overlap	1	2	3	4
Type	FYA 4 - Section	FYA 4 - Section	Off	FYA 4 - Section
Included Phases	2	3	-	1,4
Modifier Phases	1	-	-	-
Modifier Overlaps	-	-	-	-
Trail Green	0	0	0	0
Trail Yellow	0.0	0.0	0.0	0.0
Trail Red	0.0	0.0	0.0	0.0
FYA Ped Delay	0.0	0.0	0.0	6.0

PED YELLOW CONFLICT MONITOR WIRING DETAIL

(make cabinet wiring changes as shown below)

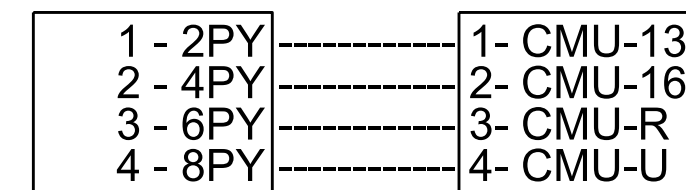
In order to use FYA COMPACT mode with the 16 or 18 Channel Monitor, the cabinet must be wired such that the (unused) Ped Yellow load switch outputs are wired to the conflict monitor as follows: From 2 PY (field term. 114) to chan. 9 green (monitor pin 13).

Follow the instructions below to make appropriate connections:

- STEP 1: Fold down rear panel of output file.
- STEP 2: Find unused wiring harness fom conflict monitor card edge connector (which should be tied and bundled together).
- STEP 3: Find the connector that correspond to the following conflict monitor card edge pins and solder wire the the appropriate terminal on the rear of the output file shown below:

CMU-13 -----2PY (term. 114)

NOTE: Some cabinet manufacturers use keyed connectors to accomplish this wiring configuration. If connectors are used, fold down the rear panel of the output file and find the set of 3 keyed connectors and connect them as shown below:



THIS PLAN SUPERSEDES THE PLAN SIGNED AND SEALED ON 12/1/2021.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 13-0404
DESIGNED: January 2024
SEALED: 2/9/2024
REVISED:

Electrical Detail - Sheet 2 of 2

	Prepared in the Offices of: 	US 19-23 Bus. (Haywood Road) at SR 3412 (Sand Hill Road) and Vermont Avenue	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
	750 N. Greenfield Pkwy, Garner, NC 27529	Division 13 Buncombe County Asheville PLAN DATE: February 2024 REVIEWED BY: D.T.J. PREPARED BY: D.J. Craddock REVIEWED BY:	SEAL 031001 ENGINEER TODD JOYCE