

PTZOptics MIDI PTZ App

Designed for use with Digital Audio Workstations (DAW)

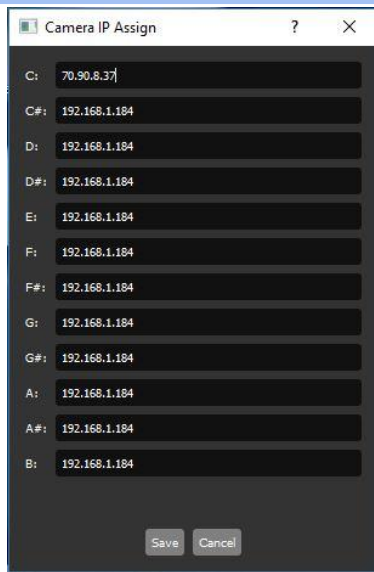
Control up to 10 cameras with PTZ preset positions using MIDI notes.



App Features

Available for both PC & Mac

- Software bridge for up to 120 unique MIDI notes
- Each note will call a camera presets for up to 10 cameras with 12 presets each
- MIDI standard design works with almost any DAW (Digital Audio Workstation) or MIDI instrument
- IP Networkable or internal MIDI loopable (see additional software)



Example Setup Diagram

Available for Mac or PC

Option 1: Internal
MIDI Loop

DAW
Software

MIDI IN

Option 2: MIDI IP
Network

PTZOptics MIDI PTZ
App

PTZ
Over IP
Out

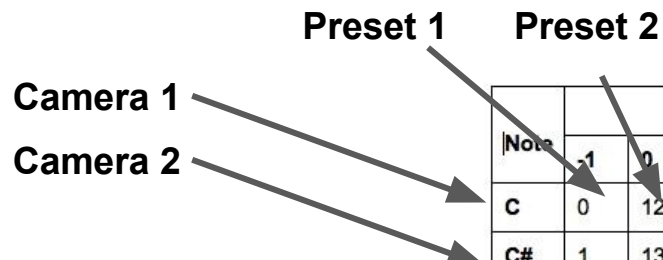


Up to 12 Cameras
with 10 Presets Each

MIDI Notes for PTZ Controls

Using MIDI for PTZ Camera Control

- Each note has a unique camera and preset.
- There is a total of 10 cameras each with 12 presets.



Note	Octave										
	-1	0	1	2	3	4	5	6	7	8	9
C	0	12	24	36	48	60	72	84	96	108	120
C#	1	13	25	37	49	61	73	85	97	109	121
D	2	14	26	38	50	62	74	86	98	110	122
D#	3	15	27	39	51	63	75	87	99	111	123
E	4	16	28	40	52	64	76	88	100	112	124
F	5	17	29	41	53	65	77	89	101	113	125
F#	6	18	30	42	54	66	78	90	102	114	126
G	7	19	31	43	55	67	79	91	103	115	127
G#	8	20	32	44	56	68	80	92	104	116	
A	9	21	33	45	57	69	81	93	105	117	
A#	10	22	34	46	58	70	82	94	106	118	
B	11	23	35	47	59	71	83	95	107	119	

Additional Software Needed

Mac OS 10 High Sierra or later

Note:

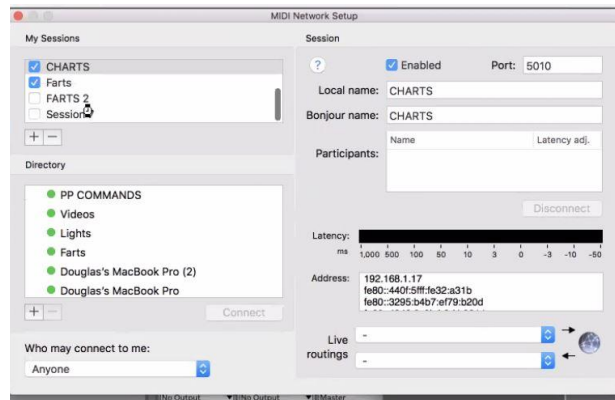
1. Additional MIDI software may be required to send the PTZOptics MIDI PTZ App data from your MIDI system.

Mac:

1. Internal IAC Driver
2. MIDI Network Setup

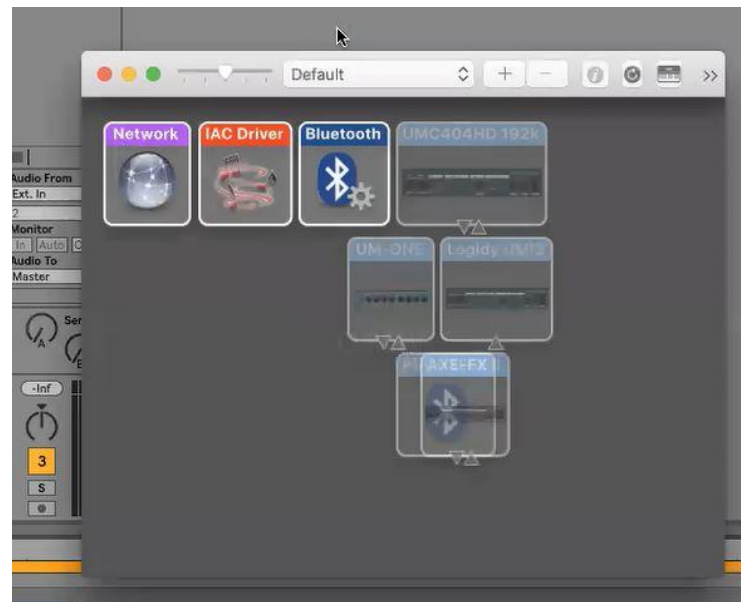
PC:

1. Internal MIDI Loop - <http://www.nerds.de/en/loopbe1.html>
2. Over the Network - <https://www.tobias-erichsen.de/software/rtpmidi.html>



Mac MIDI Setup

1. Find your Audio MIDI Setup by searching for Audio MIDI Setup
2. Decide whether you want to transmit MIDI over the network (from another computer) or using the same computer with the IAC Driver



Mac MIDI Setup

1. When you first open your Audio MIDI Setup you may only see Audio Devices
2. We need to add MIDI Window in settings > general
3. Then restart the program

