



MATRIX[®]

SYSTEM



EASY. INTUITIVE. CUSTOMIZABLE.

Whether it's a high-speed pursuit or a routine stop, running code requires an officer's full attention. Their lives and the lives of the citizens they protect depend on their quick, decisive actions. Command the attention of pedestrians and motorists with customized, intelligent technology that automates the driver's emergency warning needs.

Introducing Code 3's latest emergency safety innovation – the Matrix: **Easy. Intuitive. Customizable.** The Matrix is an emergency vehicle system that programs police vehicle lights and sirens quickly and efficiently.

Features

- Industry-first, **Click. Drag. Drop.** software. Program your emergency system without your IT department.
- Choose from a standard configuration or completely customize your entire emergency system with our plug-and-play installation of Matrix-compatible products.
- Trigger flash patterns and siren tones from discrete inputs (standard) and/or On Board Diagnostics (OBD) module inputs (upgrade option) - from vehicle data, like high beams or door opening.
- Customer access to a library of tones.
- Ability to generate flash patterns using the auxiliary outputs.
- Easy plug and play install with CAT 5 connection between Matrix-enabled products.
- Matrix light heads have advanced intelligence features that allow self-identification and fault detection.
- Create complex configurations without a complex and confusing application.

Enabled Products

- 21TR Series & 27 Series Lightbars (single, dual, tri-color configurations)
- Z3 Siren (Push button or rotary controller)
- On Board Diagnostics (OBD) Interface Harness (for 2017+ Ford PIU)

See reverse for individual component specs

21 & 27 Series Serial Lightbars



12V

2.1" H x 12.3" W | 53mm H x 312mm W (21 Series)
2.7" H x 12.2" W | 68mm H x 310mm W (27 Series)



- -40°F to 149°F (-40°C to 65°C)
- Matrix Compatible: access to a library of flash patterns and enables customize configurations with Matrix Software
- Serial interface box with 24 configurable inputs to allow connection with universal switches and non-serial Code 3 sirens
- Single-, dual-, and tri-color configurations available

Z3 Serial Siren



12V

3.3" H x 6.8" W x 1" D | 84mm H x 172mm W x 27mm D (control head)
3.125" H x 10.375" W x 6.8" D | 79.375mm H x 263.5mm W x 172mm D (amplifier)



- Matrix Compatible: access to a library of flash patterns and enables customized configurations with Matrix Software
- Rotary knob and push-button controller options
- All-in-one amp combo amp with dual-tone/low-frequency capability (optional)
- 18 configurable outputs (2 – 20 Amp, 8 – 10 Amp, 8 – 500mA)
- 14 discrete, configurable inputs
- OBD module add-on option
- 200W or 300W (with combo amp)