





## System Matrix

The 'System Matrix' (or 'Key Plan') is the module to gather up all the information for a master key system. This module consists of 4 main parts:

-  **UP-LEFT** **General information for the system** (System Code, Cylinder Type, Project, Notes...).
-  **DOWN-LEFT** **Cylinder lines.** Each line represents one door/cylinder function.
-  **UP-RIGHT** **Master keys columns.** Each column is a master key. Individual keys (the own keys of one cylinder) may be indicated in column only in case they operate central locks.
-  **DOWN-RIGHT** **Connection Grid.** Each cell (where the column of a master key crosses the line of one cylinder) indicates if the key shall operate the cylinder (the connection is usually represented with the capital letter 'X').

**System Code**  
This is the code that identifies the master key system for future reference.  
  
This code is chosen by CISA and is always marked on the keys head.

**Project**  
Owner of this installation.

**Marking**  
Possible choices:  
- CN on KEYS (Default);  
- CN on KEYS & BODY;  
- CN-NPN on KEYS;  
- CN-NPN on KEYS & BODY;  
  
CN is the Code Number generated by CISA that identifies each cylinder and key.  
NPN is a specific marking requested by the customer.

**Row**  
Progressive number that identifies each line.

**KA / Code Number**  
This field is used to tie two or more cylinder lines that must be Keyed Alike; enter the same code/number in the lines that must be Keyed Alike.

**Door**  
Enter the door/location where the cylinder will be installed.

**Cylinder Quantity**  
Typically 1.  
If you want to administer multiple identical cylinders in one line, you enter the needed quantity here.

**Cylinder Type**  
Enter the range and profile of cylinders for this system:  
C2000, ASTRAL, AP3...  
  
In case a special mechanical profile is requested, enter also this information:  
C2000-G08D, ASTRAL-W15, ...

**Column**  
Progressive number that identifies each column of the matrix.


**Key Quantity**  
Enter the number of key copies requested.

**Designation**  
For Master Keys, enter here the owner/function of the key or any other handful description that should not be marked on the head.  
  
For Change Keys, enter the 'Door' description of the corresponding cylinder.

**NPN Marking**  
Enter, when needed, an alpha-numerical designation (max 10 characters) that should be marked on the keys.

**Key Code Number**  
Do not use for new systems.  
CISA will assign it and stamp it on the keys.  
  
Enter the proper number for extensions.

**NPN Marking**  
Enter, when needed, an alpha-numerical designation (max 10 characters) that should be marked on the keys and eventually on the cylinder.



**SYSTEM MATRIX**

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System Code: \_\_\_\_\_ Cylinder Type: \_\_\_\_\_

Project: \_\_\_\_\_ Approved by: \_\_\_\_\_  
(Customer Stamp and Signature)

Marking: \_\_\_\_\_ Notes: \_\_\_\_\_

Row	KA / CN	Door	Qty	Type	Length	Color	K-Qty	NPN
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								