







































































































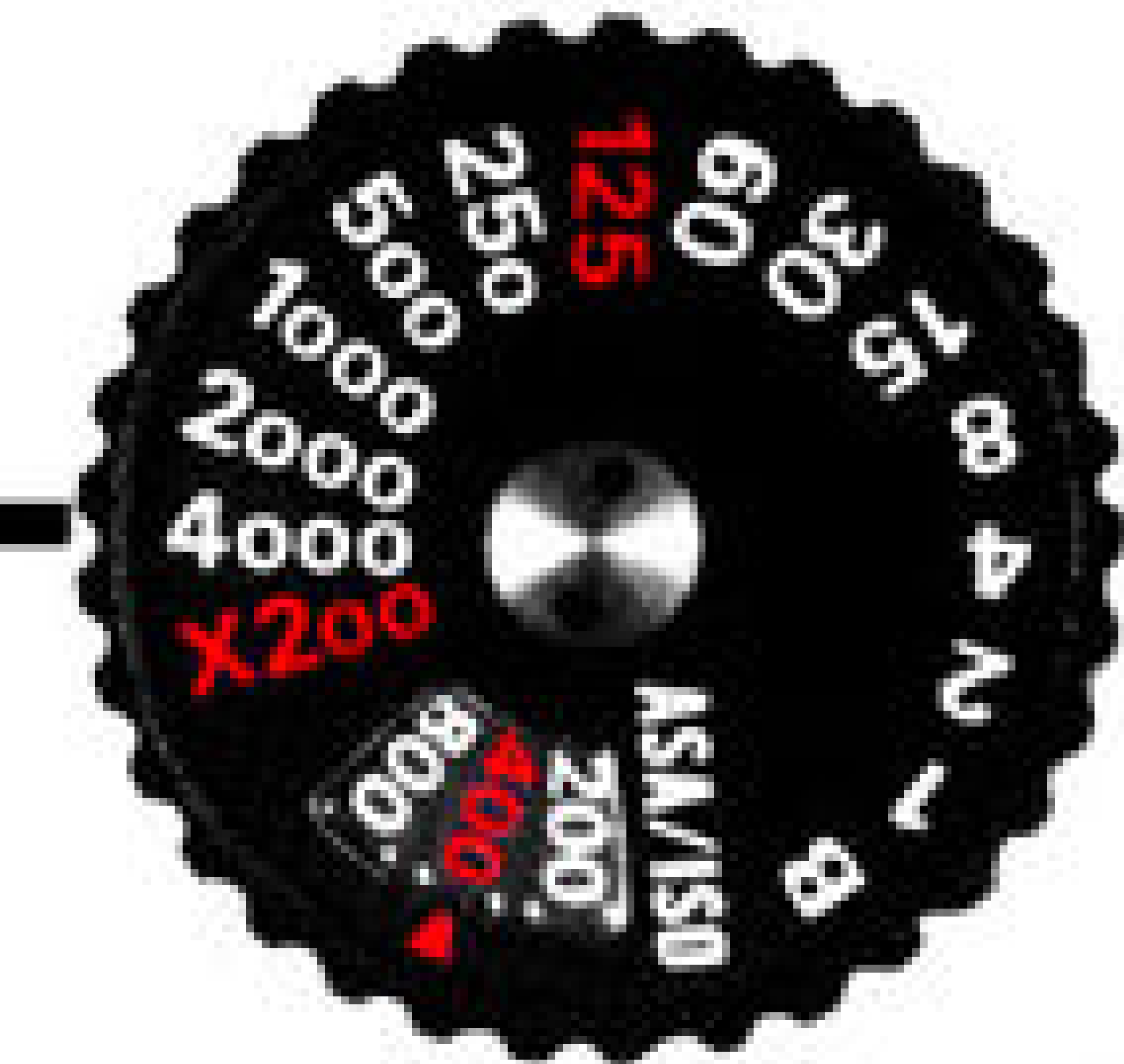
































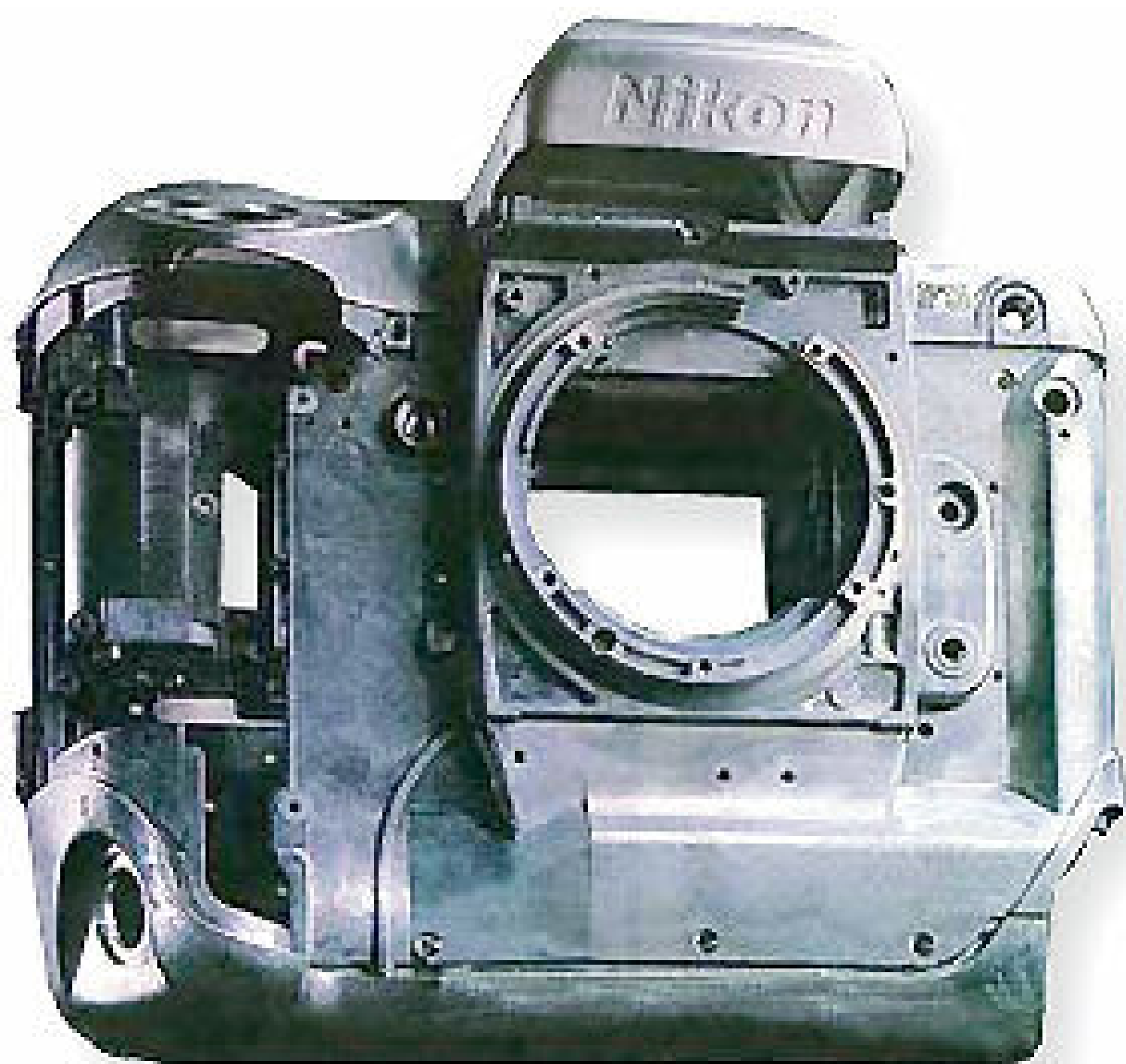












**Millennium 1000**

1000 Years of the Millennium  
1000 Years of the Millennium  
1000 Years of the Millennium







Credit:

Mike Iacono

<k1mri@mediaone.net>

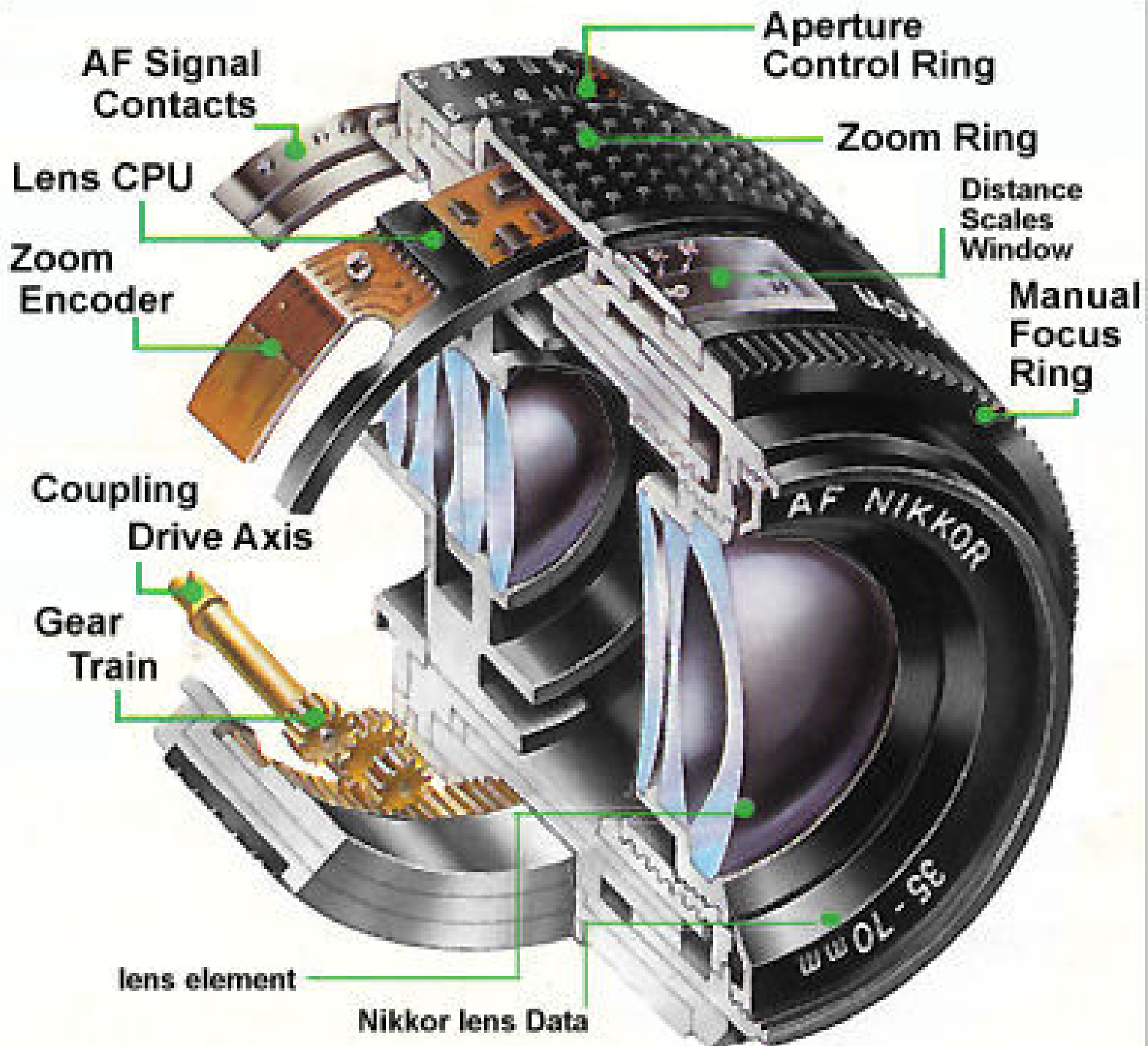


<tim@mediacore.net>

**Nikon** スピードライト

**SB-2/SB-3**

使用説明書











Nikon

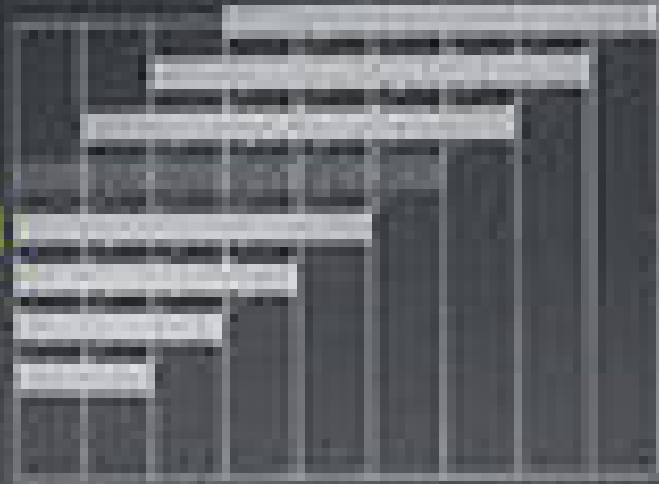
SPEEDLIGHT SB-20

    
A-M M P-TTL

 1/2 1/4 1/8 1/16 FULL  
1 2 4 8 16

100  
200  
400

28  
2  
5.6  
8  
11  
16  
22  
32



m 1 1.5 2 3 4 8 15 25  
ft 1 5 10 15 20 30 40 50

POWER  
OFF ON  


FLASH  


T-8mm  
N-14mm  
W-28mm  
READY BOUNCE  


©1988



VERTICAL

SPEED/UNIT

00000



A



M



TTL

1/4

1/2

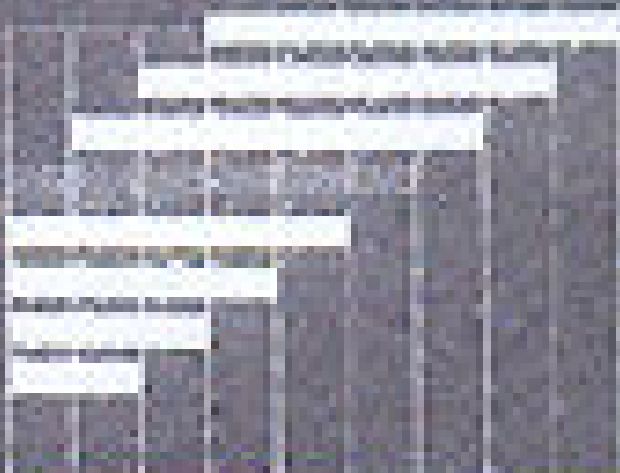
3/4

7/8

FULL

160  
51  
100  
250

2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16



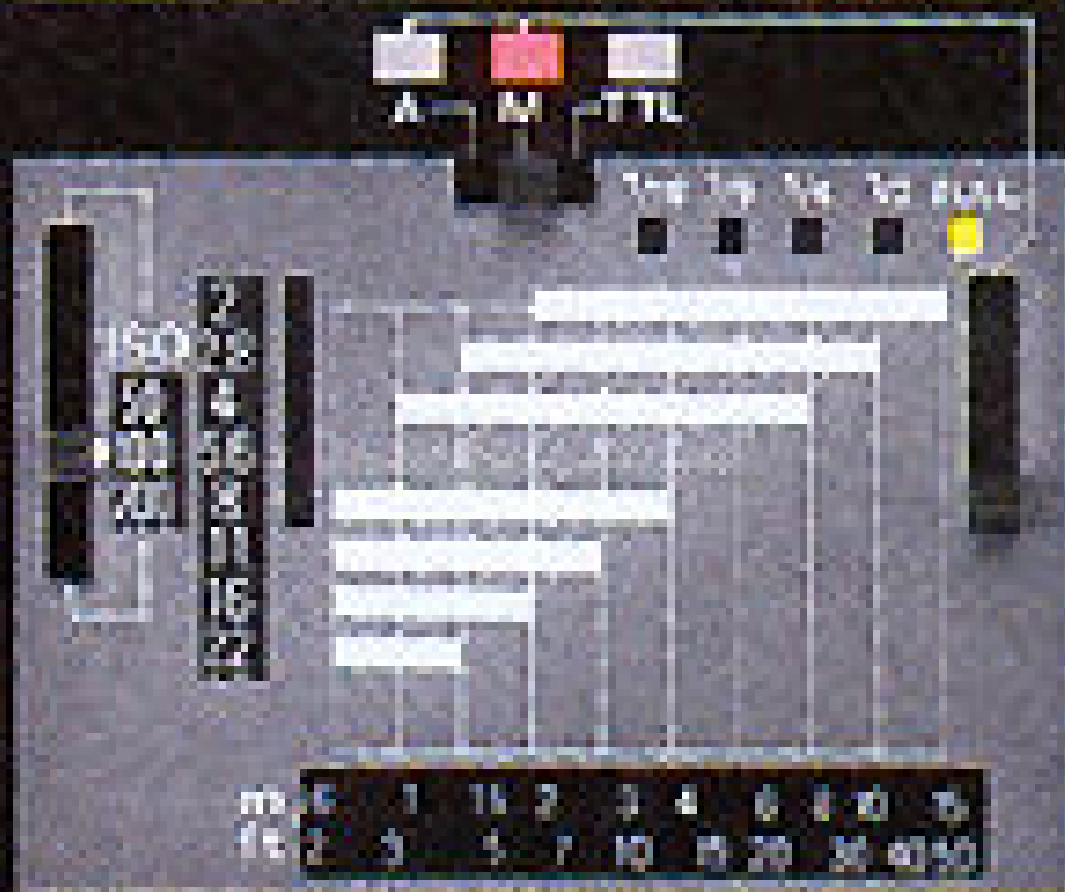
|    | 0 | 1 | 15 | 2 | 3  | 4 | 5  | 6  | 7  | 8  |
|----|---|---|----|---|----|---|----|----|----|----|
| 16 | 2 | 3 | 5  | 4 | 10 | 5 | 20 | 30 | 45 | 50 |

END T-85

# SB20

|                                              | TTL Multi-sensor<br>balanced fill-<br>flash                                       | TTL Matrix<br>balanced fill-<br>flash                                               | TTL                                                                                 | Non TTL Auto | Manual   | Rear Curtain<br>Sync    | Slow sync   | AF-assist<br>illuminator |
|----------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|----------|-------------------------|-------------|--------------------------|
| F6                                           |  |                                                                                     |    | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| F5                                           |  |                                                                                     |    | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| F4                                           |                                                                                   |    |    | <b>A</b>     | <b>M</b> |                         |             | <b>AF</b>                |
| F100/F90x                                    |  |                                                                                     |    | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| F80/F75/F70                                  |  |                                                                                     |    | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| F65                                          |                                                                                   |   |   | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| F60/F50                                      |                                                                                   |  |                                                                                     | <b>A</b>     | <b>M</b> |                         |             | <b>AF</b>                |
| F55                                          |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> |                         | <b>SLOW</b> |                          |
| F3 series 4                                  |                                                                                   |                                                                                     |  | <b>A</b>     | <b>M</b> |                         |             |                          |
| FM2/FM2n                                     |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> |                         |             |                          |
| FM3a                                         |                                                                                   |                                                                                     |  | <b>A</b>     | <b>M</b> |                         |             |                          |
| D1 series                                    |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| D100                                         |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| D2H / D2X                                    |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> | <b>AF</b>                |
| D70                                          |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> |                          |
| COOLPIX<br>8800, 8400                        |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> | <b>REAR</b>             | <b>SLOW</b> |                          |
| COOLPIX<br>5000, 5400,<br>5700, 8700         |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> | <b>REAR<sub>1</sub></b> | <b>SLOW</b> |                          |
| COOLPIX<br>4500/995/990/<br>950 <sup>3</sup> |                                                                                   |                                                                                     |                                                                                     | <b>A</b>     | <b>M</b> |                         | <b>SLOW</b> |                          |

74180 74181 74182 74183 74184 74185 74186 74187 74188 74189



74180 74181 74182 74183 74184 74185 74186 74187 74188 74189



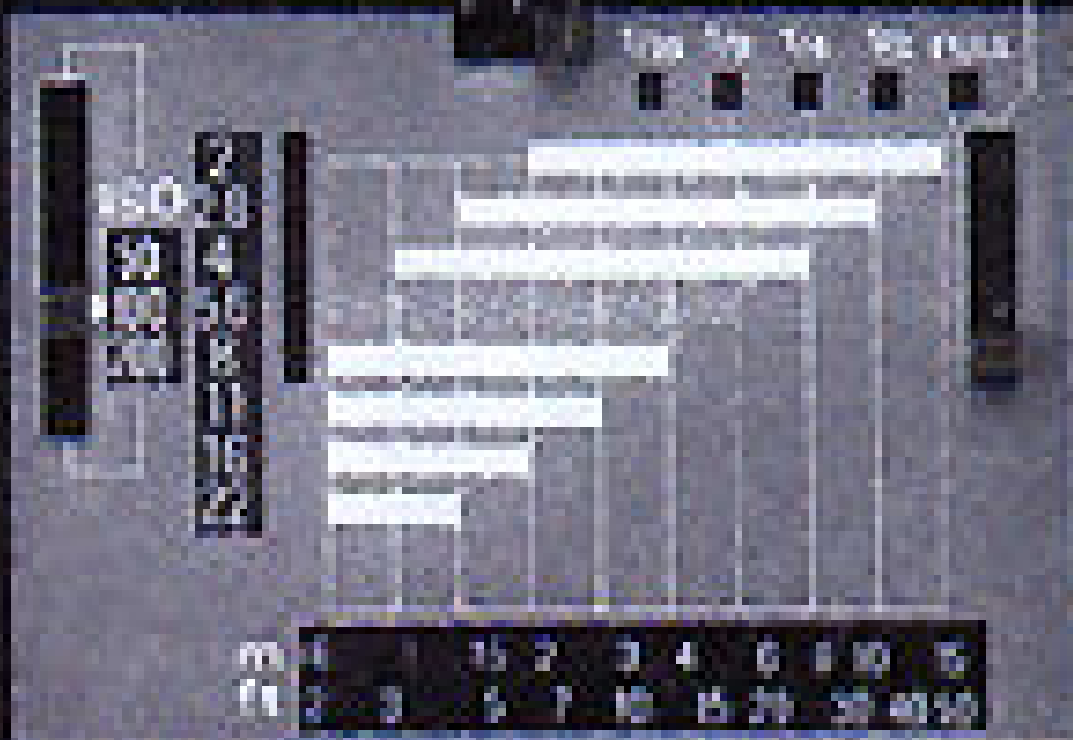




# INTERVIEW SPEEDLIGHT 3020

☐ ☐ ☒  
 A M TTL

T10 T2 T4 T8 T16  
☐ ☐ ☐ ☐ ☐



|   | 1 | 15 | 2 | 3 | 4  | 6  | 8  | 10 | 15 |
|---|---|----|---|---|----|----|----|----|----|
| m | 1 | 15 | 2 | 3 | 4  | 6  | 8  | 10 | 15 |
| f | 2 | 3  | 5 | 7 | 10 | 15 | 20 | 30 | 40 |

TM W T-85  
 1/1000



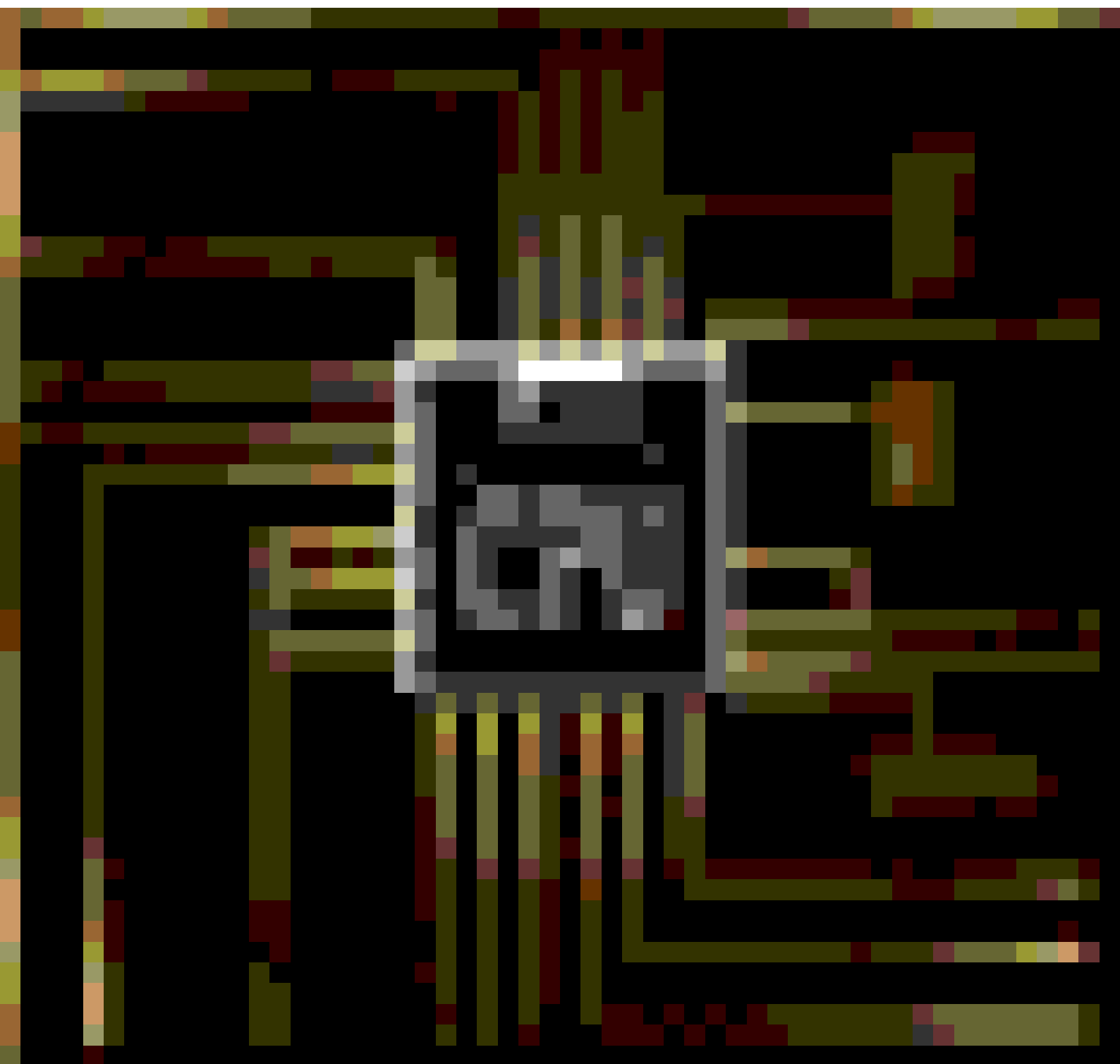


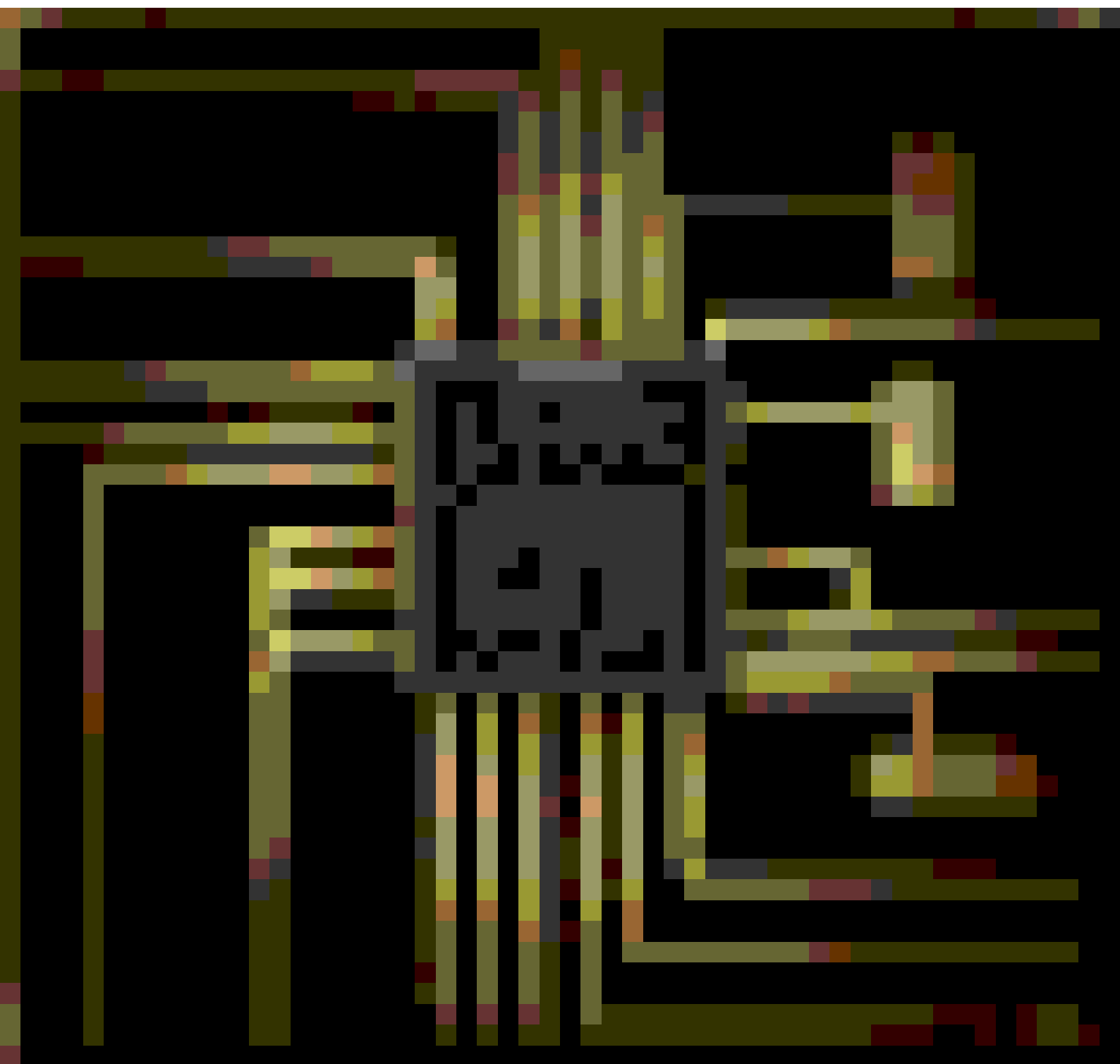


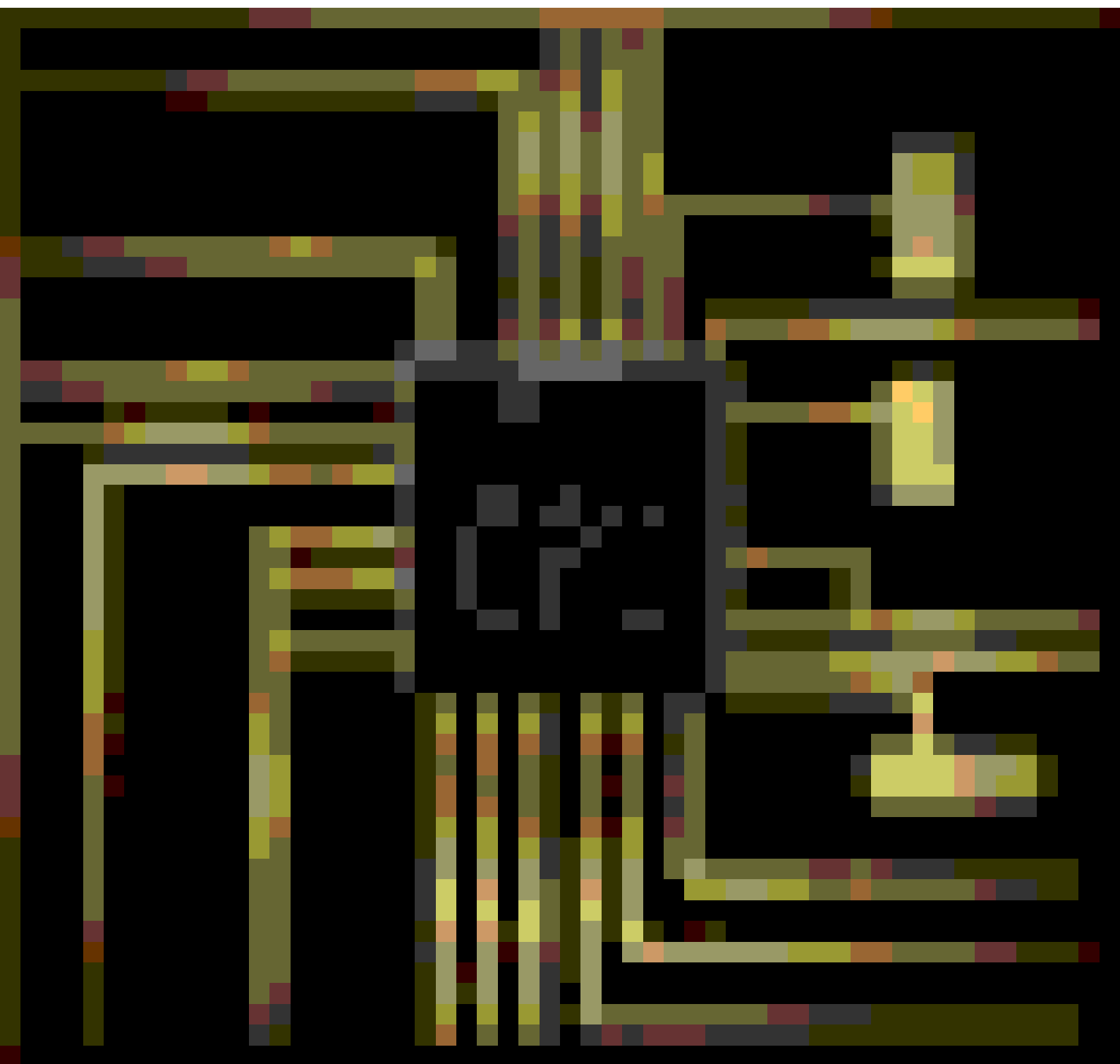


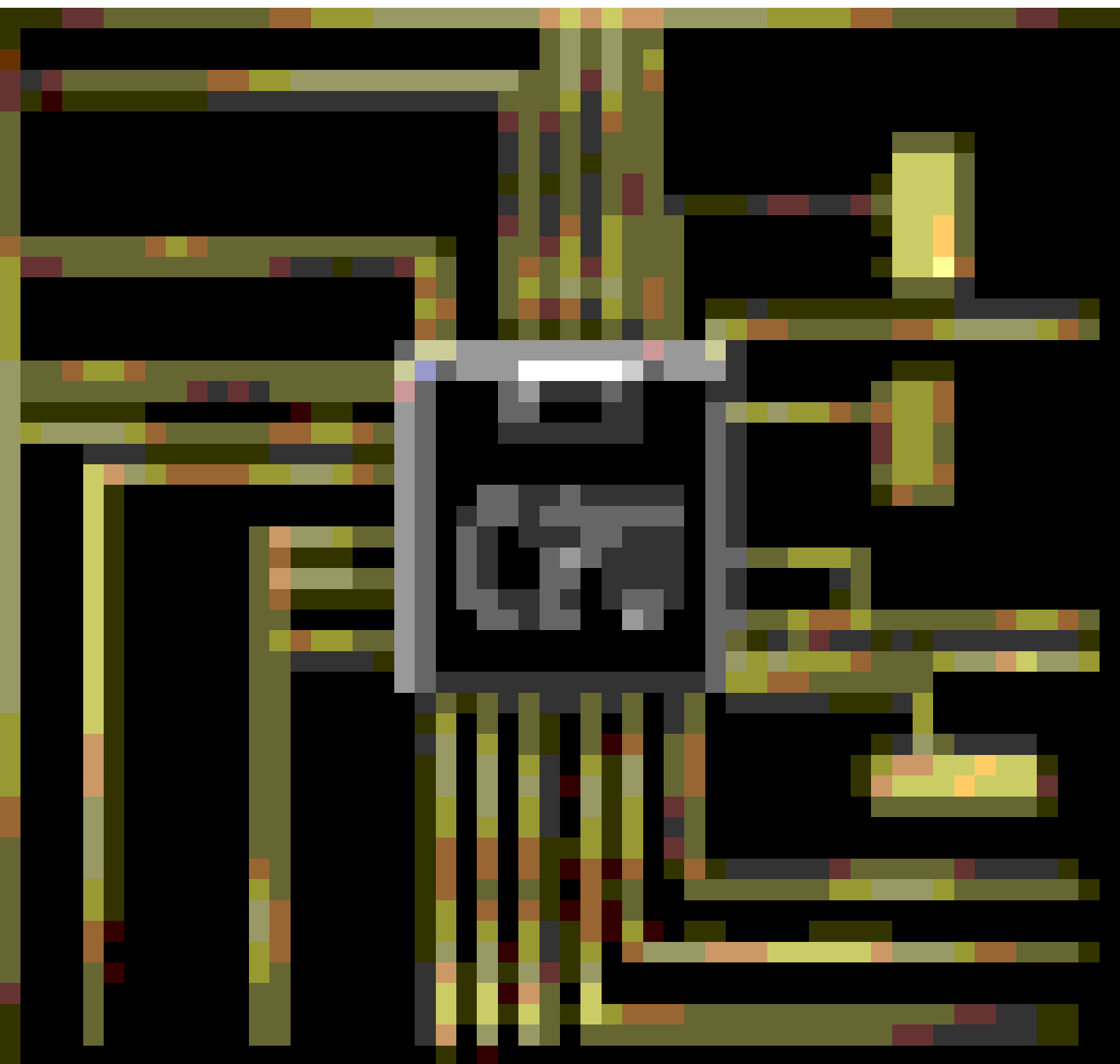


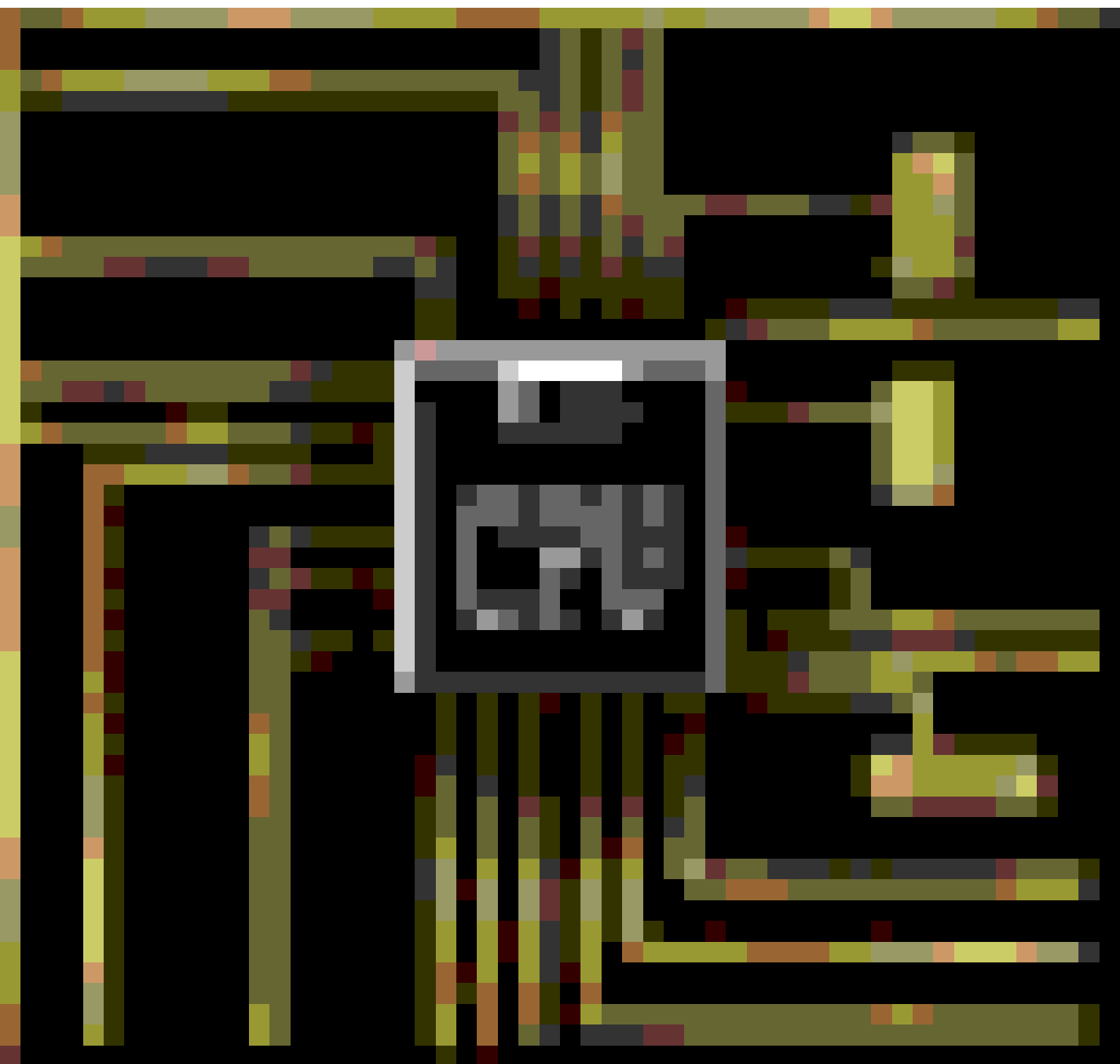


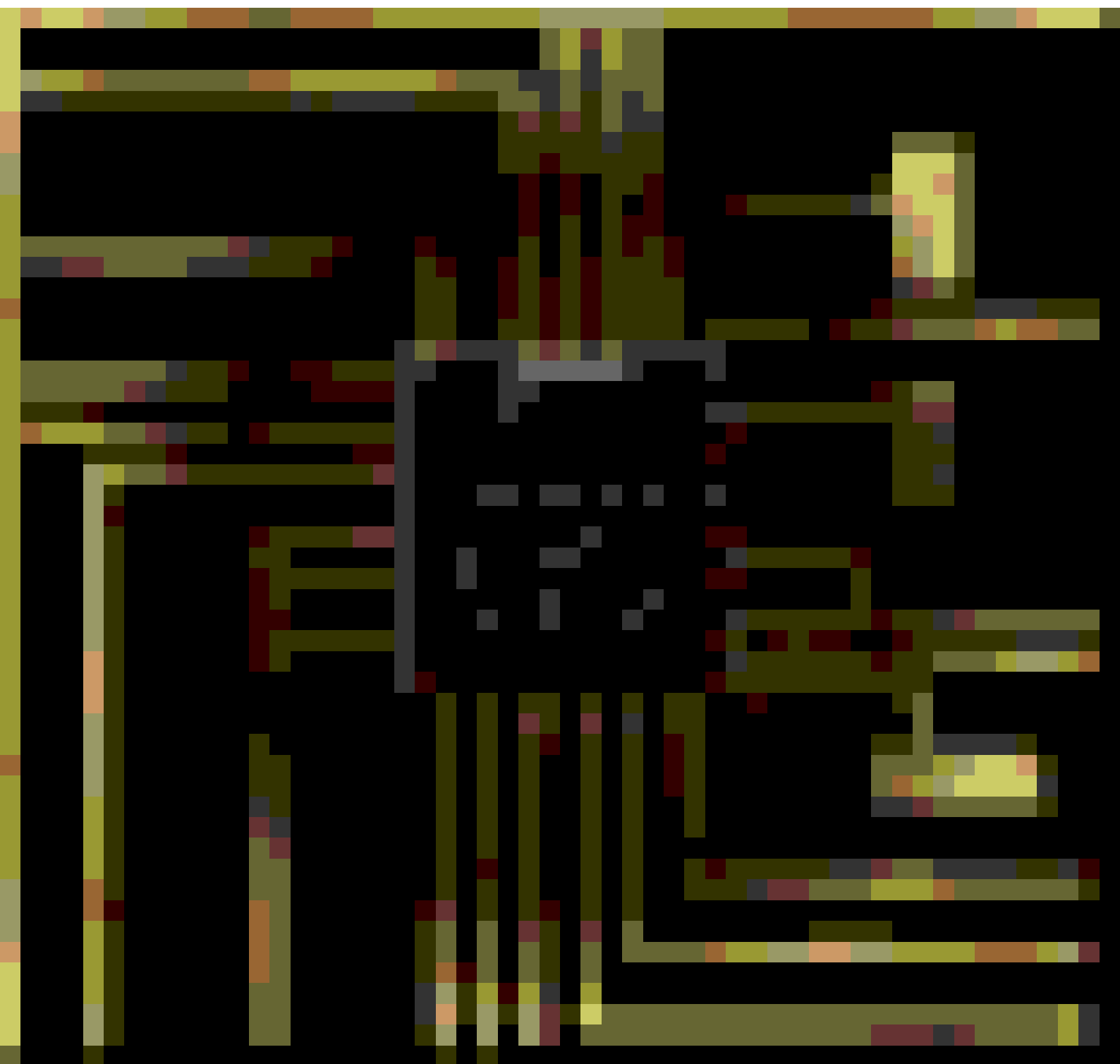










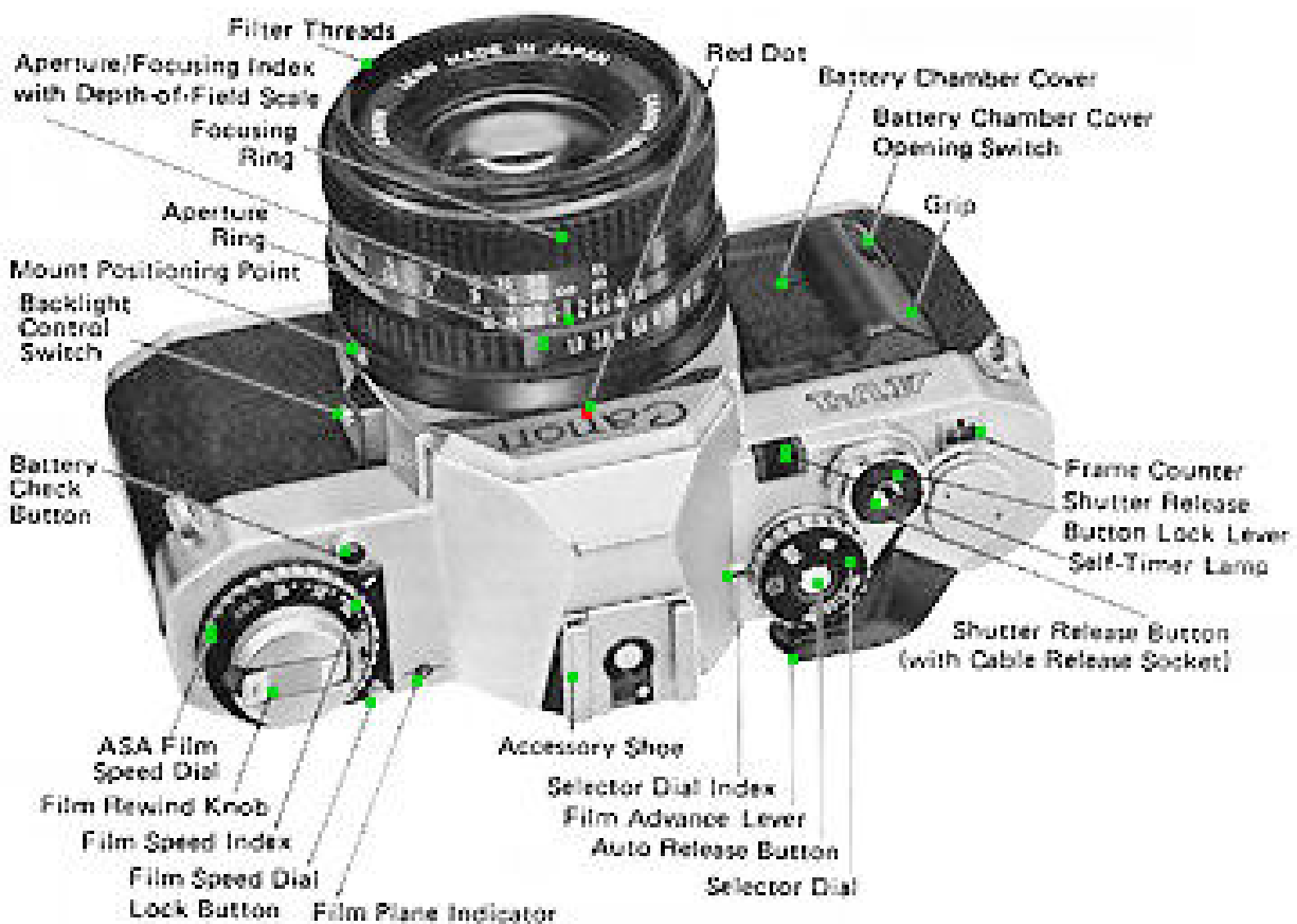




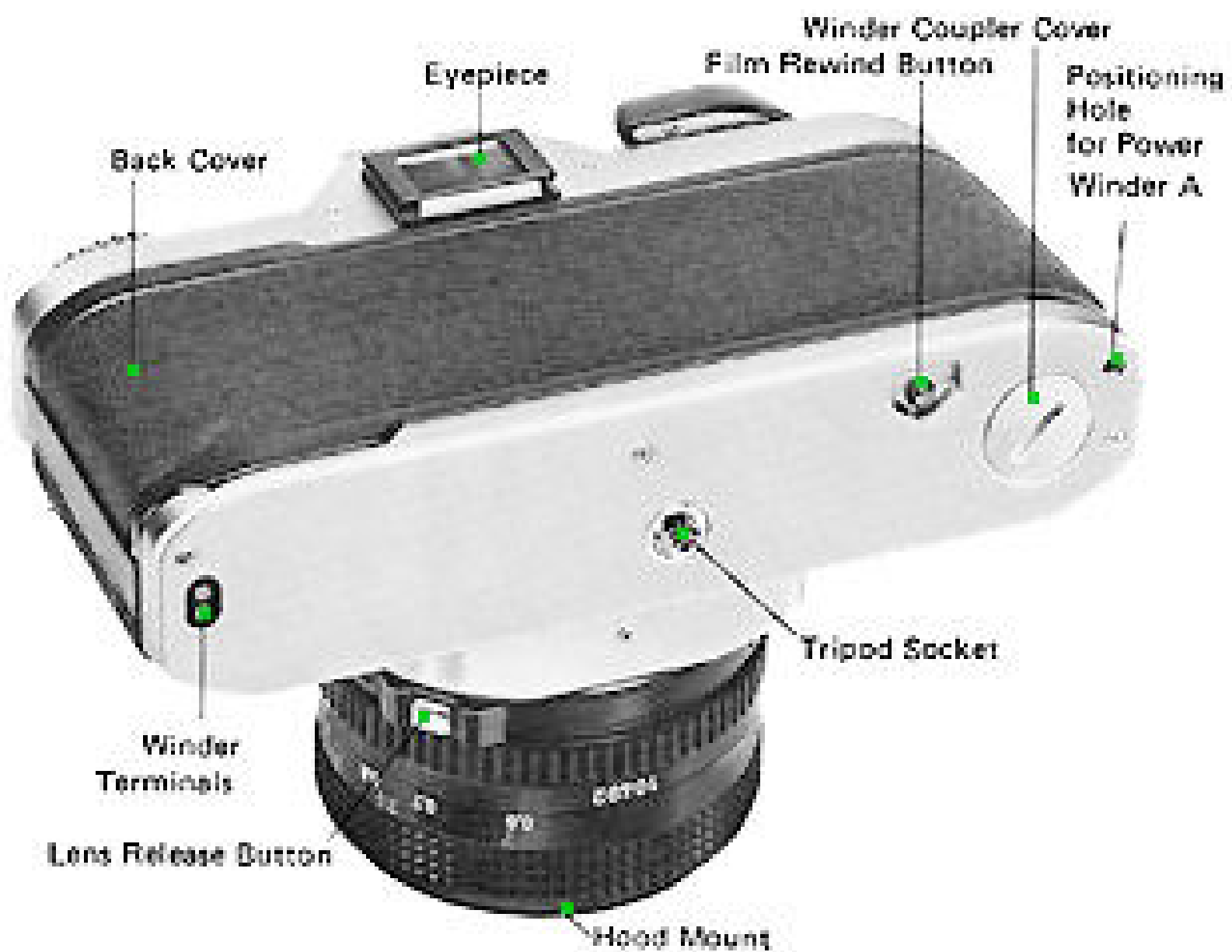






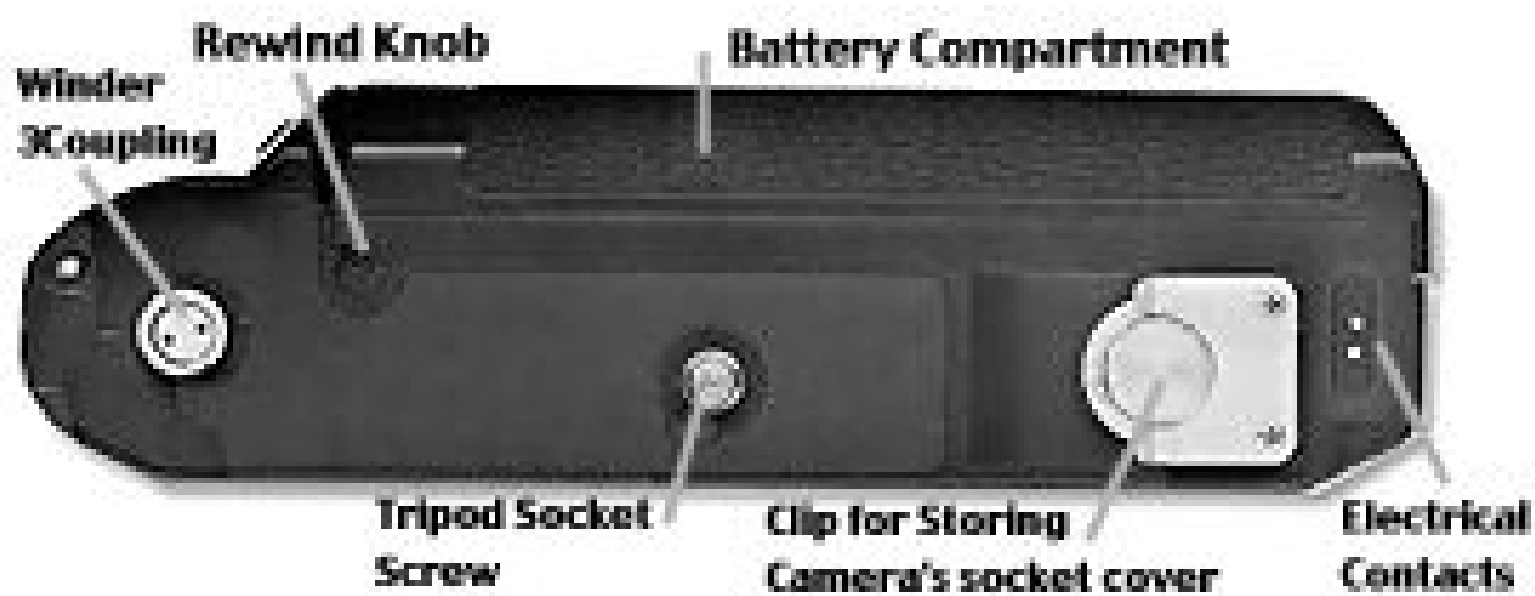




















**Tripod Socket**

**Winder Motor**