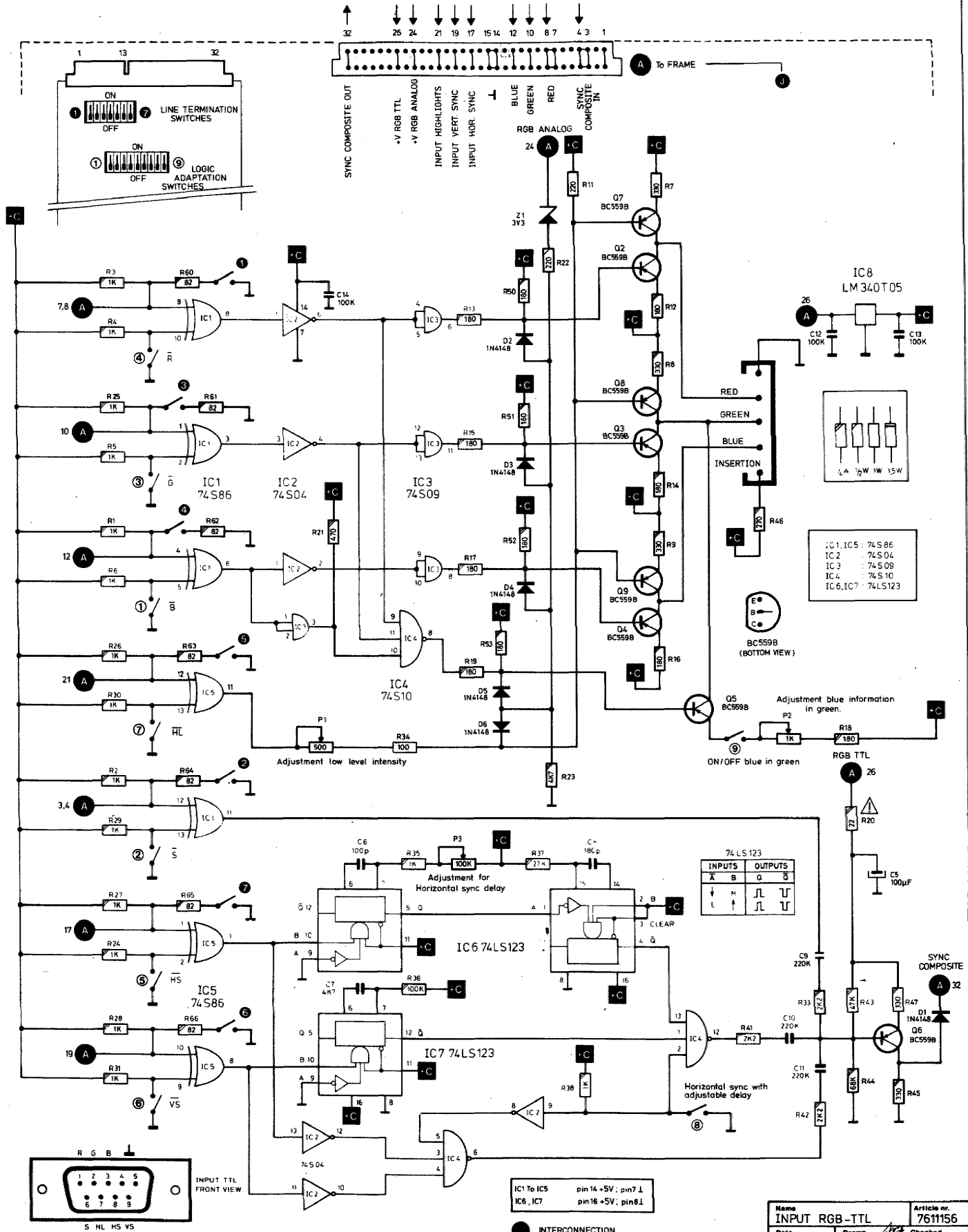


| | | | |
|------------------|-------|--------------------------------------|--|
| Name | | Article nr. | |
| INPUT RGB TTL | | 76 11156 | |
| Date | Drawn | Checked | |
| 15/03/88 | JVH | JVH | |
| BARCO Electronic | | Noordlaan, 5 8720 Kuurne, Belgium | |

MODIFICATIONS RESERVED

| | |
|---|---------------|
| Input RGB Analog | A27/A27 |
| Video amplifier + convergence generator | A27 |
| Control switch box | D5 |
| D9 Input | 7 9 8 3 2 1 6 |



IC1 to IC5 pin 14 +5V; pin 7 L
 IC6, IC7 pin 16 +5V; pin 8 L

● INTERCONNECTION

■ VOLTAGE ON BOARD

MODIFICATIONS RESERVED

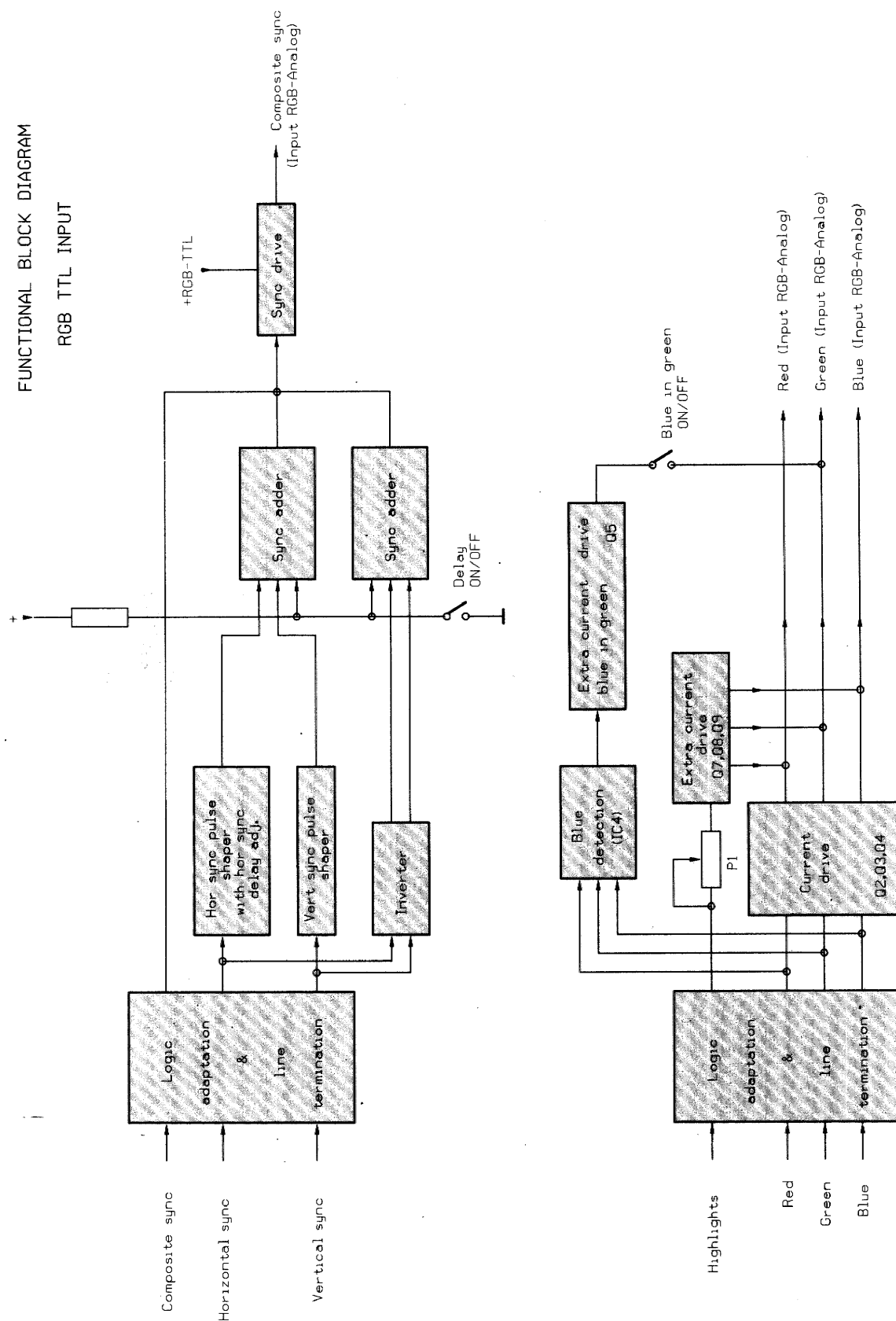
Name INPUT RGB-TTL Article nr. 7611156
 Date 20/01/87 Drawn PG. 1 Checked C.D. 1

BARCO Electronic Noorderlaan 5 8720 Koorne Belgium

| | | | | | | | | | | | | | |
|---|-------------------|----------------------|----|----|----------|----------------------------|----------|-------|----------------|-------|----|----------------|----------|
| R | 12,34,56,74,75 | 60,61,62,63,64,65,66 | P1 | 21 | 34,35,36 | 19,13,13,15,17,50,51,52,53 | 37,22,23 | 38,11 | 7,8,9,12,14,16 | 41,46 | P2 | 33,42,43,44,18 | 45,47,20 |
| C | 26,27,28,29,30,31 | | | | | | | | | | | 10 | 9,11 |
| Q | | | | | | | | | | | | 12 | 5 |

FUNCTIONAL BLOCK DIAGRAM

RGB TTL INPUT



Modifications reserved

| | | |
|-----------------------|-------------|-------------------------------------|
| Name Input RGB-TTL | | Article nr. 76 11156 |
| Date 16/03/88 | Drawn PG | Checked CD |
| BARCO ELECTRONIC NV | | Noordleen 5 6728 Kurne - Belgium |

| ITEM NO. | SIT. | DESCRIPTION | ITEM NO. | SIT. | DESCRIPTION |
|----------|------|-----------------------------|----------|------|------------------------------|
| 11 1161 | C..5 | CAPACITOR ELAX 100M T 25 | 10 1127 | R.16 | RESISTOR CF 180E J OW25 |
| 11 2242 | C..6 | CAPACITOR NPO MI 100P J5 63 | 10 1127 | R.17 | RESISTOR CF 180E J OW25 |
| 11 5932 | C..7 | CAPACITOR PP RA 4K7 J5 63 | 10 1127 | R.18 | RESISTOR CF 180E J OW25 |
| 11 2365 | C..8 | CAPACITOR N750MI 180P J5 63 | 10 1127 | R.19 | RESISTOR CF 180E J OW25 |
| 11 3841 | C..9 | CAPACITOR PETPPF 220K M 63 | 10 1128 | R.20 | RESISTOR CF 220E J OW25 |
| 11 3841 | C.10 | CAPACITOR PETPPF 220K M 63 | 10 1132 | R.21 | RESISTOR CF 470E J OW25 |
| 11 3841 | C.11 | CAPACITOR PETPPF 220K M 63 | 10 1228 | R.22 | RESISTOR CF 220E J OW50 |
| 11 2774 | C.12 | CAPACITOR CE MI 100K U5 63 | 10 1144 | R.23 | RESISTOR CF 4K7 J OW25 |
| 11 2774 | C.13 | CAPACITOR CE MI 100K U5 63 | 10 1136 | R.24 | RESISTOR CF 1K J OW25 |
| 11 2774 | C.14 | CAPACITOR CE MI 100K U5 63 | 10 1136 | R.25 | RESISTOR CF 1K J OW25 |
| 13 1621 | D..1 | DIODE 1N4148 SWITCH | 10 1136 | R.26 | RESISTOR CF 1K J OW25 |
| 13 1621 | D..2 | DIODE 1N4148 SWITCH | 10 1136 | R.27 | RESISTOR CF 1K J OW25 |
| 13 1621 | D..3 | DIODE 1N4148 SWITCH | 10 1136 | R.28 | RESISTOR CF 1K J OW25 |
| 13 1621 | D..4 | DIODE 1N4148 SWITCH | 10 1136 | R.29 | RESISTOR CF 1K J OW25 |
| 13 1621 | D..5 | DIODE 1N4148 SWITCH | 10 1136 | R.30 | RESISTOR CF 1K J OW25 |
| 13 1621 | D..6 | DIODE 1N4148 SWITCH | 10 1136 | R.31 | RESISTOR CF 1K J OW25 |
| 13 7432 | I..1 | INTEGRATED CIRCUIT 74S86 | 10 1140 | R.33 | RESISTOR CF 2K2 J OW25 |
| 13 7429 | I..2 | INTEGRATED CIRCUIT 74S04 | 10 1124 | R.34 | RESISTOR CF 100E J OW25 |
| 13 7430 | I..3 | INTEGRATED CIRCUIT 74S09 | 10 1136 | R.35 | RESISTOR CF 1K J OW25 |
| 13 7433 | I..4 | INTEGRATED CIRCUIT 74S10 | 10 1160 | R.36 | RESISTOR CF 100K J OW25 |
| 13 7432 | I..5 | INTEGRATED CIRCUIT 74S86 | 10 1153 | R.37 | RESISTOR CF 27K J OW25 |
| 13 7480 | I..6 | INTEGRATED CIRCUIT 74LS123 | 10 1136 | R.38 | RESISTOR CF 1K J OW25 |
| 13 7480 | I..7 | INTEGRATED CIRCUIT 74LS123 | 10 1140 | R.41 | RESISTOR CF 2K2 J OW25 |
| 13 4001 | I..8 | INTEGRATED CIRCUIT 7805 | 10 1140 | R.42 | RESISTOR CF 2K2 J OW25 |
| 10 6725 | P..1 | TRIMPOT CEMH 500E K OW50 | 10 1156 | R.43 | RESISTOR CF 47K J OW25 |
| 10 6726 | P..2 | TRIMPOT CEMH 1K K OW50 | 10 1158 | R.44 | RESISTOR CF 68K J OW25 |
| 10 6733 | P..3 | TRIMPOT CEMH 100K K OW50 | 10 1130 | R.45 | RESISTOR CF 330E J OW25 |
| 71 5778 | PC.. | PC DATA RGB TTL 43 761115 | 10 1129 | R.46 | RESISTOR CF 270E J OW25 |
| 13 14181 | Q..2 | TRANSISTOR BC559B,BC309B | 10 1130 | R.47 | RESISTOR CF 330E J OW25 |
| 13 14181 | Q..3 | TRANSISTOR BC559B,BC309B | 10 1127 | R.50 | RESISTOR CF 180E J OW25 |
| 13 14181 | Q..4 | TRANSISTOR BC559B,BC309B | 10 1127 | R.51 | RESISTOR CF 180E J OW25 |
| 13 14181 | Q..5 | TRANSISTOR BC559B,BC309B | 10 1127 | R.52 | RESISTOR CF 180E J OW25 |
| 13 14181 | Q..6 | TRANSISTOR BC559B,BC309B | 10 1127 | R.53 | RESISTOR CF 180E J OW25 |
| 13 14181 | Q..7 | TRANSISTOR BC559B,BC309B | 10 1123 | R.60 | RESISTOR CF 82E J OW25 |
| 13 14181 | Q..8 | TRANSISTOR BC559B,BC309B | 10 1123 | R.61 | RESISTOR CF 82E J OW25 |
| 13 14181 | Q..9 | TRANSISTOR BC559B,BC309B | 10 1123 | R.62 | RESISTOR CF 82E J OW25 |
| 10 1136 | R..1 | RESISTOR CF 1K J OW25 | 10 1123 | R.63 | RESISTOR CF 82E J OW25 |
| 10 1136 | R..2 | RESISTOR CF 1K J OW25 | 10 1123 | R.64 | RESISTOR CF 82E J OW25 |
| 10 1136 | R..3 | RESISTOR CF 1K J OW25 | 10 1123 | R.65 | RESISTOR CF 82E J OW25 |
| 10 1136 | R..4 | RESISTOR CF 1K J OW25 | 10 1123 | R.66 | RESISTOR CF 82E J OW25 |
| 10 1136 | R..5 | RESISTOR CF 1K J OW25 | 13 1754 | Z..1 | DIODE ZENER 3V3 OW5 C |
| 10 1136 | R..6 | RESISTOR CF 1K J OW25 | 31 3531 | 001. | CONNECTOR EURO MOBSE P64 KEY |
| 10 1130 | R..7 | RESISTOR CF 330E J OW25 | 36 7435 | 0011 | RIVET AL AL AD34ABS D2,4 |
| 10 1130 | R..8 | RESISTOR CF 330E J OW25 | 32 4183 | 002. | SWITCH DIL 1A 9P TE |
| 10 1130 | R..9 | RESISTOR CF 330E J OW25 | 31 3548 | 003. | CONNECTOR MT MOBSE P 5 2,5 |
| 10 1128 | R.11 | RESISTOR CF 220E J OW25 | 80 0289 | 004. | HEATSINK 43 RGB TTL |
| 10 1127 | R.12 | RESISTOR CF 180E J OW25 | 36 20296 | 0041 | SCREW DIN84 M 3 X25 MP- |
| 10 1127 | R.13 | RESISTOR CF 180E J OW25 | 36 7502 | 0042 | WASHER DIN6798 A 3,2 |
| 10 1127 | R.14 | RESISTOR CF 180E J OW25 | 36 61026 | 0043 | NUT DIN934 M 3 HEXAGONAL |
| 10 1127 | R.15 | RESISTOR CF 180E J OW25 | 80 1438 | 0044 | SCREEN PLATE HR |
| | | | 80 1439 | 0045 | SPACER L17 D 6 D3,25 |
| | | | 80 1440 | 0046 | SPACER L14,75 D 6 D3,25 AL |
| | | | 32 4185 | 005. | SWITCH DIL 1A 7P TE |

