

INTELLIMIX Pinout Table V2.3

Front

MIC 1 (XLR 3f)

| | | |
|---------|-------|-------|
| 1 | GND | Mic 1 |
| 2 | MIC + | |
| 3 | MIC - | |
| Chassis | GND | |

MIC 2 (XLR 3f)

| | | |
|---------|-------|-------|
| 1 | GND | Mic 2 |
| 2 | MIC + | |
| 3 | MIC - | |
| Chassis | GND | |

HEADPHONE (1/4" Jack)

| | | |
|-------|-------|-----------|
| Tip | LEFT | Headphone |
| Ring | RIGHT | |
| Shell | GND | |

LINE IN 6 (RCA/Cinch)

| | | |
|--------|-----|------------------------------|
| Center | L+ | Line In 6 analog, -10 dBu |
| Ring | GND | |
| Center | R+ | |
| Ring | GND | |

MIX OUT (RCA/Cinch)

| | | |
|--------|-----|----------------------------|
| Center | L+ | Mix Out analog, -10 dBu |
| Ring | GND | |
| Center | R+ | |
| Ring | GND | |

Backplane

#1 MONITOR / EXTERNAL ...

| Pin | Signal | |
|---------|----------|---------------------------------------|
| 1 | R+ | Monitor Out (analog) |
| 2 | R- | |
| 14 | GND | |
| 15 | L+ | |
| 16 | L- | |
| 3 | GND | Line In 11 (analog) External A |
| 4 | R+ | |
| 5 | R- | |
| 17 | GND | |
| 18 | L+ | |
| 19 | L- | Mix Out (analog D) |
| 6 | GND | |
| 7 | R+ | |
| 8 | R- | |
| 20 | GND | |
| 21 | L+ | Line In 12 (digital) External B |
| 22 | L- | |
| 9 | GND | |
| 10 | AES/EBU+ | Mix Out (digital E) |
| 11 | AES/EBU- | |
| 23 | GND | Ground |
| 24 | AES/EBU+ | |
| 25 | AES/EBU- | |
| 12 | GND | |
| 13 | GND | |
| Chassis | GND | |

#10 CONTROL IN/OUT

| Pin | Signal | |
|---------|-------------------|---------------|
| 1 | CMOS 1 | In 1 |
| 2 | CMOS 2 | In 2 |
| 3 | CMOS 3 | In 3 |
| 4 | CMOS 4 | In 4 |
| 5 | CMOS 5 | In 5 |
| 6 | CMOS 6 | In 6 |
| 7 | CMOS 7 | In 7 |
| 8 | CMOS 8 | In 8 |
| 9 | GND | Ground |
| 10 | Open Collector 1 | Out 1 |
| 11 | Open Collector 2 | Out 2 |
| 12 | Open Collector 3 | Out 3 |
| 13 | Open Collector 4 | Out 4 |
| 14 | Open Collector 5 | Out 5 |
| 15 | Open Collector 6 | Out 6 |
| 16 | Open Collector 7 | Out 7 |
| 17 | Open Collector 8 | Out 8 |
| 18 | Open Collector 9 | Out 9 |
| 19 | Open Collector 10 | Out 10 |
| 20 | Open Collector 11 | Out 11 |
| 21 | Open Collector 12 | Out 12 |
| 22 | GND | Ground |
| 23 | Vcc +5V | For Test Only |
| 24 | +12V | For Test Only |
| 25 | GND | Ground |
| Chassis | GND | |

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| #2 LINE IN 7 / OUT | | |
|---------------------------|--------|-----------------------|
| Pin | Signal | |
| 1 | R+ | Line In 7 (analog) |
| 2 | R- | |
| 9 | GND | |
| 10 | L+ | |
| 11 | L- | |
| 3 | GND | Mix Out (analog B) |
| 4 | R+ | |
| 5 | R- | |
| 12 | GND | |
| 13 | L+ | |
| 14 | L- | |
| 6 | GND | |
| 7 | n/c | |
| 8 | n/c | |
| 15 | GND | Ground |
| Chassis | GND | |

| #11 LINE IN 8 / OUT | | |
|----------------------------|--------|-----------------------|
| Pin | Signal | |
| 1 | R+ | Line In 8 (analog) |
| 2 | R- | |
| 9 | GND | |
| 10 | L+ | |
| 11 | L- | |
| 3 | GND | Mix Out (analog C) |
| 4 | R+ | |
| 5 | R- | |
| 12 | GND | |
| 13 | L+ | |
| 14 | L- | |
| 6 | GND | |
| 7 | n/c | |
| 8 | n/c | |
| 15 | GND | Ground |
| Chassis | GND | |

| #3 LINE IN 9 | | |
|---------------------|--------|------------------------|
| Pin | Signal | |
| 1 | R+ | Line In 9 (analog) |
| 2 | R- | |
| 6 | GND | |
| 7 | L+ | |
| 8 | L- | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | |
| Chassis | GND | |

| #12 LINE IN 10 | | |
|-----------------------|--------|-------------------------|
| Pin | Signal | |
| 1 | R+ | Line In 10 (analog) |
| 2 | R- | |
| 6 | GND | |
| 7 | L+ | |
| 8 | L- | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | |
| Chassis | GND | |

| #7 INSERT MIC 2 | | |
|------------------------|----------|----------|
| Pin | Signal | |
| 1 | RETURN + | Insert 2 |
| 2 | RETURN - | |
| 6 | GND | |
| 7 | SEND + | |
| 8 | SEND - | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | |
| Chassis | GND | |

| #6 INSERT MIC 1 | | |
|------------------------|----------|----------|
| Pin | Signal | |
| 1 | RETURN + | Insert 1 |
| 2 | RETURN - | |
| 6 | GND | |
| 7 | SEND + | |
| 8 | SEND - | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | |
| Chassis | GND | |

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| #13 LINE IN 1 / OUT | | |
|----------------------------|--------|------------------------|
| Pin | Signal | |
| 1 | IN+ | Line In 1 (AES/EBU) |
| 2 | IN - | |
| 6 | GND | |
| 7 | OUT + | Mix Out (AES/EBU A) |
| 8 | OUT - | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | Ground |
| Chassis | GND | |

| #14 LINE IN 2 / OUT | | |
|----------------------------|--------|------------------------|
| Pin | Signal | |
| 1 | IN + | Line In 2 (AES/EBU) |
| 2 | IN - | |
| 6 | GND | |
| 7 | OUT + | Mix Out (AES/EBU B) |
| 8 | OUT - | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | Ground |
| Chassis | GND | |

| #15 LINE IN 3 / OUT | | |
|----------------------------|--------|------------------------|
| Pin | Signal | |
| 1 | IN + | Line In 3 (AES/EBU) |
| 2 | IN - | |
| 6 | GND | |
| 7 | OUT + | Mix Out (AES/EBU C) |
| 8 | OUT - | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | Ground |
| Chassis | GND | |

| #16 LINE IN 4 / OUT | | |
|----------------------------|--------|------------------------|
| Pin | Signal | |
| 1 | IN + | Line In 4 (AES/EBU) |
| 2 | IN - | |
| 6 | GND | |
| 7 | OUT + | Mix Out (AES/EBU D) |
| 8 | OUT - | |
| 3 | GND | |
| 4 | n/c | |
| 5 | n/c | |
| 9 | GND | Ground |
| Chassis | GND | |

| #8 LINE IN 5 | | |
|---------------------|--------|----------------|
| | SP/DIF | Line In 5 alt. |

| #17 LINE IN 5 | | |
|----------------------|----------|----------------|
| | TOS Link | Line In 5 alt. |

| #4 MIX-MINUS A | | |
|-----------------------|--------|--------------------------|
| Pin | Signal | |
| 1 | R+ | MIX-Minus (A) analog |
| 2 | R- | |
| 6 | GND | |
| 7 | L+ | |
| 8 | L- | |
| 3 | GND | MIX-Minus (A) digital |
| 4 | OUT + | |
| 5 | OUT - | |
| 9 | GND | |
| Chassis | GND | |

| #5 MIX-MINUS B | | |
|-----------------------|--------|--------------------------|
| Pin | Signal | |
| 1 | R+ | MIX-Minus (B) analog |
| 2 | R- | |
| 6 | GND | |
| 7 | L+ | |
| 8 | L- | |
| 3 | GND | MIX-Minus (B) digital |
| 4 | OUT + | |
| 5 | OUT - | |
| 9 | GND | |
| Chassis | GND | |

| #18 Remote | | |
|-------------------|--------|---|
| Pin | Signal | |
| 1 | n/c | Serial Link and Power to Control Unit |
| 2 | RX | |
| 3 | TX | |
| 4 | GND | |
| 5 | GND | |
| 6 | n/c | |
| 7 | n/c | |
| 8 | Vcc | |
| 9 | Vcc | |
| Chassis | GND | |

| #9 RS 232 | | |
|------------------|--------|---------|
| Pin | Signal | |
| 1 | n/c | PC-Link |
| 2 | RX | |
| 3 | TX | |
| 4 | n/c | |
| 5 | GND | |
| 6 | n/c | |
| 7 | n/c | |
| 8 | n/c | |
| 9 | n/c | |
| Chassis | GND | |