

VOLTAGE CHARTS

Preamp (2 HEAD)

| MODE/ PIN NO. | PREAMP (2 HEAD) | | | | | | |
|------------------|-----------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC401 | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 6 | 1.4 | 0.6 | 2.9 | 1 | 1.9 | 2 | 1.9 |
| 7 | 1.7 | 0.5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0.5 | 3.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 10 | 0 | 3.6 | 0.5 | 0 | 0 | 0 | 0.3 |
| 11 | 0 | 5.3 | 0 | 0 | 0 | 0 | 0 |
| 12 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 13 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 14 | 5.1 | 4.3 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 15 | 2 | 1.6 | 0 | 0 | 0 | 1.6 | 2 |
| 16 | 2.1 | 4.1 | 2.1 | 5.1 | 2.1 | 2.1 | 2.1 |
| 17 | 2.1 | 4.1 | 2.1 | 0 | 2.1 | 2.1 | 2.1 |
| 18 | 0 | 2.5 | 0 | 2.5 | 0 | 0 | 0 |
| 19 | 2.1 | 4.1 | 2.1 | 5.1 | 2.1 | 2.1 | 2.1 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Preamp (4 HEAD)

| MODE/ PIN NO. | PREAMP (4 HEAD) | | | | | | |
|------------------|-----------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC401 | | | | | | |
| 1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 2 | 0 | 1.6 | 1.5 | 1.1 | 0.4 | 0.3 | 0.3 |
| 3 | 0 | 3.1 | 3.1 | 3.1 | 0 | 3.1 | 1.5 |
| 4 | 0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 5 | 0.3 | 2.4 | 0.3 | 2.4 | 0.3 | 0.3 | 0.3 |
| 6 | 1.0 | 0.6 | 3.5 | 0.9 | 2.5 | 2.5 | 2.5 |
| 7 | 1.9 | 1.6 | 1.8 | 3.6 | 1.8 | 1.8 | 1.8 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 3.4 | 1.2 | 1.1 | 0.5 | 0.3 | 0.3 |
| 10 | 0 | 3.4 | 1.2 | 1.1 | 0.5 | 0.3 | 0.3 |
| 11 | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 13 | 5.2 | 5.1 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 14 | 5.2 | 4.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 15 | 0 | 1.6 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 |
| 16 | 2.1 | 1.5 | 2.1 | 0.8 | 2.1 | 0.8 | 1.5 |
| 17 | 2.1 | 1.5 | 2.1 | 0.8 | 2.0 | 0.8 | 1.5 |
| 18 | 0 | 2.6 | 0 | 0 | 0 | 0 | 0 |
| 19 | 2.1 | 1.5 | 2.1 | 0.8 | 2.1 | 0.8 | 1.5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0.8 | 4.1 | 0.8 | 2.1 | 0.8 | 2.1 | 1.4 |
| 22 | 0.8 | 4.0 | 0.8 | 2.1 | 0.8 | 2.1 | 1.4 |
| 23 | 0 | 2.6 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0.8 | 4.1 | 0.8 | 2.1 | 0.8 | 2.1 | 1.4 |

VOLTAGE CHARTS

Power Supply

| MODE/ PIN NO. | POWER SUPPLY | | | | | | |
|------------------|--------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC801 | | | | | | |
| 1 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| 2 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |

| MODE/ PIN NO. | Q804 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| C | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| B | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 |

| MODE/ PIN NO. | POWER SUPPLY | | | | | | |
|------------------|--------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC802 | | | | | | |
| 1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |

| MODE/ PIN NO. | Q805 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| C | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| B | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |

| MODE/ PIN NO. | Q803 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| MODE/ PIN NO. | Q806 | | | | | | |
|------------------|------|------|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| C | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 |
| B | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |

VOLTAGE CHARTS

Video (Luma/Chroma) & Linear Audio

| MODE/ PIN NO. | VIDEO/AUDIO (HI-FI) | | | | | | |
|------------------|---------------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC301 | | | | | | |
| 1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 2 | 2.5 | 2.5 | 0.5 | 0.3 | 0 | 2.5 | 0 |
| 3 | 5.1 | 1.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 4 | 0 | 0.9 | 0 | 0 | 0 | 0 | 0 |
| 5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 6 | 2.5 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 7 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 8 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 9 | 2.5 | 3.2 | 0 | 2.4 | 2.4 | 2.4 | 2.4 |
| 10 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 11 | 3 | 3.0 | 0 | 1.3 | 0 | 3.0 | 0 |
| 12 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 13 | 1.6 | 1.7 | 0 | 0 | 0 | 1.7 | 0 |
| 14 | 0 | 0 | 3.3 | 3.3 | 3.3 | 0 | 3.3 |
| 15 | 0 | 0.1 | 0 | 4.8 | 4.8 | 4.8 | 4.8 |
| 16 | 4.2 | 4.1 | 4.0 | 5.0 | 4.0 | 4.0 | 4.0 |
| 17 | 4 | 3.8 | 3.7 | 0.1 | 4.0 | 4.0 | 4.0 |
| 18 | 0 | 4.3 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 2.3 | 2.3 | 2.3 | 0 | 2.3 |
| 20 | 0 | 0 | 2.1 | 2.1 | 2.1 | 0 | 2.1 |
| 21 | 3 | 3.1 | 3.0 | 3.0 | 3 | 3 | 3 |
| 22 | 2.5 | 2.4 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 23 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 2.5 | 2.5 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 26 | 3 | 3.0 | 3.0 | 0 | 3 | 3 | 3 |
| 27 | 3 | 3.0 | 2.9 | 0 | 3 | 3 | 3 |
| 28 | 2.5 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 29 | 2 | 2.0 | 2.0 | 1.9 | 2.0 | 2.0 | 2.0 |
| 30 | 3 | 2.9 | 3.1 | 3.1 | 3 | 3 | 3 |
| 31 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 32 | 0 | 0 | 0 | 0.2 | 0 | 0 | 0 |
| 33 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 34 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 35 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 36 | 4.1 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

| MODE/ PIN NO. | VIDEO/AUDIO (HI-FI) | | | | | | |
|------------------|---------------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC301 | | | | | | |
| 37 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 38 | 2.3 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 39 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 40 | 1.6 | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 41 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 |
| 42 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 43 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 44 | 2.8 | 2.8 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 47 | 3.9 | 4.2 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 48 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 49 | 4.1 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 50 | 2.6 | 2.6 | 2.6 | 0 | 2.6 | 2.6 | 2.6 |
| 51 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 52 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 55 | 0 | 0 | 0 | 0 | 4.6 | 0 | 4.6 |
| 56 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 57 | 0.7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 61 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 62 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 63 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 64 | 2.5 | 2.5 | 0 | 2.5 | 2.5 | 2.5 | 2.5 |

VOLTAGE CHARTS

Video (Luma/Chroma) & Linear Audio (Continued)

| MODE/ PIN NO. | CCD | | | | | | |
|------------------|-------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC302 | | | | | | |
| 1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |

| MODE/ PIN NO. | Q201 | | | | | | |
|------------------|------|-------|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | -18.5 | 0 | 0 | 0 | 0 | 0 |
| C | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B | 0.7 | -28.5 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |

| MODE/ PIN NO. | Q202 | | | | | | |
|------------------|------|-------|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | -18.5 | 0 | 0 | 0 | 0 | 0 |
| C | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B | 0.7 | -28.5 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |

| MODE/ PIN NO. | Q203 | | | | | | |
|------------------|------|-------|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| C | 5.2 | -29.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| B | 4.5 | 5.1 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |

| MODE/ PIN NO. | Q204 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 5.6 | 1.3 | 5.5 | 5.6 | 5.6 | 5.6 | 5.6 |
| C | 5.9 | 5.4 | 5.8 | 5.9 | 5.9 | 5.9 | 5.9 |
| B | 5.9 | 1.8 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |

| MODE/ PIN NO. | Q205 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C | 5.6 | 1.1 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 |
| B | 0 | 0.9 | 0 | 0 | 0 | 0 | 0 |

| MODE/ PIN NO. | Q301 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| C | 5.2 | 5.1 | 5.1 | 5.2 | 5.2 | 5.2 | 5.2 |
| B | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |

| MODE/ PIN NO. | Q302 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 1.9 | 1.6 | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 |
| C | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| B | 2.6 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |

| MODE/ PIN NO. | Q303 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | 0 | 1.6 | 0 | 0 | 0 | 0 |
| C | 5.2 | 5.1 | 0 | 0 | 0 | 0 | 0 |
| B | 0 | 0.1 | 2.3 | 0.1 | 0.1 | 0.1 | 0.1 |

| MODE/ PIN NO. | Q352 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 1.9 | 1.8 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| C | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B | 1.3 | 1.1 | 1.3 | 1.1 | 1.1 | 1.1 | 1.1 |

VOLTAGE CHARTS

PIF & MPX (Hi-Fi)

| MODE/ PIN NO. | TMI | | | | | | |
|------------------|-------|------|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | RF101 | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 2.9 | 2.9 | 2.8 | 2.8 | 2.4 | 2.4 | 2.4 |
| 3 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.2 | 5.2 |
| 4 | 5.1 | 5.1 | 5.0 | 5.0 | 5.3 | 5.2 | 5.3 |
| 5 | 1.6 | 1.6 | 1.6 | 1.5 | 1.6 | 1.6 | 1.5 |
| 6 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 7 | 31.5 | 31.5 | 31.5 | 31.5 | 31.7 | 31.7 | 31.7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 5.1 | 5.1 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 5.0 | 5.0 | 5.1 | 4.9 | 5.0 | 5.0 | 5.0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 |
| 14 | 4.6 | 4.6 | 4.5 | 4.5 | 4.4 | 4.3 | 4.3 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 17 | 9.0 | 9.0 | 9.0 | 9.0 | 0 | 0 | 0 |
| 18 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |

| MODE/ PIN NO. | Q101 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B | 5.1 | 5.0 | 5.0 | 5.1 | 5.1 | 5.1 | 5.1 |

| MODE/ PIN NO. | Q102 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 3.2 | 3.1 | 3.1 | 3.1 | 3.2 | 3.1 | 3.1 |
| C | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B | 2.5 | 2.4 | 2.4 | 2.4 | 2.5 | 2.4 | 2.4 |

| MODE/ PIN NO. | Q103 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C | 0.6 | 0.6 | 0.4 | 0.5 | 0 | 0.6 | 0 |
| B | 0 | 0 | 0 | 0 | 5.3 | 0 | 5.4 |

VOLTAGE CHARTS

Servo/Syscon/Timer u-COM

| MODE/ PIN NO. | SERVO & SYSCON | | | | | | |
|------------------|----------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC601 | | | | | | |
| 1 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 4 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 5 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 6 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 7 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 8 | 5.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 10 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 11 | 3.6 | 3.6 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| 12 | 1.5 | 1.2 | 3.7 | 1.6 | 2.6 | 2.3 | 2.9 |
| 13 | 5.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 5.1 | 5.0 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 |
| 15 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| 16 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 17 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 5.1 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 22 | 5.1 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 23 | 0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 24 | 0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 25 | 0 | 2.5 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 26 | 0 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 |
| 27 | 0 | 0 | 0 | 5.0 | 0.2 | 0 | 0.2 |
| 28 | 5.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 0 |
| 29 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 2.5 |
| 30 | 0 | 0 | 0.5 | 0.5 | 0 | 0 | 0.1 |
| 31 | 2.6 | 2.8 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 32 | 2.6 | 2.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 0.2 | 2.5 | 2.5 | 2.5 | 0 |
| 35 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 36 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |

| MODE/ PIN NO. | SERVO & SYSCON | | | | | | |
|------------------|----------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC601 | | | | | | |
| 37 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 38 | 4.1 | 2.4 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 |
| 39 | 0.6 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 40 | 0.4 | 2.5 | 2.4 | 2.4 | 2.4 | 0.4 | 0.4 |
| 41 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 42 | 5.3 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 43 | 2.4 | 2.4 | 2.4 | 1.4 | 1.4 | 2.5 | 2.7 |
| 44 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 45 | 2.5 | 2.5 | 2.4 | 2.4 | 1.9 | 2.4 | 2.4 |
| 46 | 0 | 0 | 0.5 | 0.6 | 0.1 | 0.1 | 0.3 |
| 47 | 2.9 | 2.9 | 2.9 | 3.0 | 3.0 | 3.0 | 3.0 |
| 48 | 1.6 | 1.5 | 1.5 | 1.9 | 1.9 | 1.9 | 1.9 |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 1.4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 1.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 53 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 54 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 4.0 | 3.8 | 3.5 | 3.6 | 3.6 | 3.6 | 3.6 |
| 57 | 4.2 | 4.0 | 3.7 | 3.9 | 3.9 | 3.9 | 3.9 |
| 58 | 0 | 0 | 0 | 4.8 | 4.8 | 4.8 | 4.8 |
| 59 | 4.1 | 4.1 | 4.0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 61 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 62 | 5.2 | 5.2 | 5.2 | 0 | 0 | 5.2 | 5.2 |
| 63 | 5.2 | 0 | 0 | 5.2 | 5.2 | 0 | 0 |
| 64 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 0 |
| 65 | 5.0 | 0 | 0 | 5.0 | 5.0 | 0 | 0 |
| 66 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 67 | 5.1 | 3.0 | 2.4 | 2.2 | 2.2 | 5 | 0 |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 70 | 1.3 | 1.3 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 |
| 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 |

VOLTAGE CHARTS

Servo/Syscon/Timer u-COM (Continued)

| MODE/ PIN NO. | SERVO & SYSCON | | | | | | |
|------------------|----------------|-------|-------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC601 | | | | | | |
| 73 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 74 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 75 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81 | 0 | 0 | 0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 82 | 5.3 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 83 | 5.1 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 84 | 0 | 5.1 | 0 | 0 | 0 | 0 | 0 |
| 85 | 0 | 0 | 1.5 | 0.5 | 0.5 | 0.2 | 0.2 |
| 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | 0.3 | 015.0 | 015.0 | 0 | 2.5 | 5 | 5 |
| 88 | 0 | 015.0 | 015.0 | 2.7 | 2.7 | 5 | 5 |
| 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 1.3 | 0.6 | 0.1 | 0.2 | 0.2 |
| 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 95 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 96 | 5.2 | 5.2 | 0 | 5.2 | 5.2 | 5.2 | 5.2 |
| 97 | 0.3 | 1.0 | 8 | 0 | 0.2 | 0.3 | 0.3 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100 | 5.1 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |

| MODE/ PIN NO. | SERVO & SYSCON (RESET) | | | | | | |
|------------------|------------------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC604 | | | | | | |
| 1 | 5.1 | 5.0 | 5.0 | 5 | 5 | 5 | 5 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 5.0 | 5.0 | 5.0 | 5 | 5 | 5 | 5 |

| MODE/ PIN NO. | SERVO & SYSCON | | | | | | |
|------------------|----------------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC603 | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 5.1 | 3.8 | 3.7 | 3.5 | 3.5 | 3.5 | 3.5 |
| 6 | 5.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |

VOLTAGE CHARTS

Servo/Syscon/Timer u-COM (Continued)

| MODE/ PIN NO. | LOGIC (VFD DISPLAY) | | | | | | |
|------------------|---------------------|-------|-------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC701 | | | | | | |
| 1 | 0 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 |
| 2 | 0 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 |
| 3 | 0 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 |
| 4 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 6 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 7 | 5.1 | 5 | 5.0 | 5.1 | 5.1 | 5 | 5 |
| 8 | 5.2 | 5 | 55.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 11 | -22.4 | -22.7 | -22.3 | -22 | -22 | -22 | -22 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 1.0 | 0 | 0 | 1.0 | 1.0 | 1.0 | 1 |
| 16 | -22.2 | -22.5 | -12 | -22 | -22 | -22 | -22 |
| 17 | -18.2 | -18.7 | -18 | -18 | -18 | -18 | -18 |
| 18 | -10.9 | -15.0 | -14 | -14 | -14 | -14 | -14 |
| 19 | -18.3 | -18.7 | -18.4 | -18 | 0 | 0 | -18 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | -22.2 | -18.7 | -22.1 | -14.7 | -14.7 | -14.7 | -22 |
| 23 | -7.2 | -15.0 | -10 | -14.7 | -14.7 | -14.7 | -21 |
| 24 | -22.0 | -11.2 | -7.3 | -10.9 | -11 | -11 | -21 |
| 25 | -22.0 | -11.2 | -10.9 | -11.0 | -14 | -14 | -22 |
| 26 | -22.1 | -15 | -15.0 | -15 | -15 | -15 | -22 |
| 27 | 0 | -22.6 | -15.1 | -15 | -15 | -15 | -22 |
| 28 | 0 | -19.1 | -11.9 | -15.3 | -18 | -18 | -22 |
| 29 | -22.3 | -12 | -15.4 | -15 | -15 | -15 | -22 |
| 30 | -22.3 | -22.6 | -22.2 | -22.1 | -22 | -22 | -22 |
| 31 | -22.3 | -22.3 | -22 | -22.2 | -22 | -22 | -22 |
| 32 | -19.1 | -19.5 | -19 | -19.2 | -19 | -19 | -19 |
| 33 | -19.1 | -19.5 | -19 | -19.2 | -19 | -19 | -19 |
| 34 | -19.1 | -19.5 | -19 | -19.2 | -19 | -19 | -19 |
| 35 | -19.1 | -19.5 | -19.2 | -19.2 | -19 | -19 | -19 |
| 36 | -19.1 | -19.5 | -19.2 | -19.2 | -19 | -19 | -19 |

| MODE/ PIN NO. | LOGIC (VFD DISPLAY) | | | | | | |
|------------------|---------------------|-------|-------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | IC701 | | | | | | |
| 37 | -19.1 | -19.5 | -19.2 | -19.2 | -19 | -19 | -19 |
| 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 0 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 40 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 0 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |

| MODE/ PIN NO. | Q601 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| B | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |

| MODE/ PIN NO. | Q602 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| C | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| B | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |

| MODE/ PIN NO. | Q603 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| C | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| B | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |

| MODE/ PIN NO. | Q604 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| B | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |

VOLTAGE CHARTS

Commercial Advance

| MODE/ PIN NO. | IC CMA | | | | | | |
|------------------|--------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| | ICC01 | | | | | | |
| 1 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 2 | 3.7 | 3.7 | 1.1 | 3.7 | 1.1 | 0.1 | 1.1 |
| 3 | 3.0 | 3.0 | 3.0 | 3.0 | 0 | 3.0 | 3.0 |
| 4 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 5 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 6 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 7 | 0 | 0 | 3.2 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 10 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 11 | 0 | 5.1 | 5.1 | 0 | 0 | 0 | 0 |
| 12 | 5.1 | 5.1 | 1.1 | 5.1 | 1.3 | 5.1 | 1.1 |
| 13 | 5.1 | 5.1 | 1.1 | 5.1 | 1.3 | 5.1 | 1.1 |
| 14 | 4.5 | 4.7 | 1.2 | 4.7 | 4.7 | 4.7 | 4.7 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 4.9 | 5.0 | 1.4 | 5.0 | 4.9 | 4.9 | 5.0 |
| 17 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 18 | 0 | 0 | 0.4 | 0.1 | 0.6 | 0.1 | 0.6 |
| 19 | 0 | 0 | 3.1 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 1.8 | 0 | 0 | 0 | 0 |
| 21 | 3.7 | 3.7 | 3.3 | 3.7 | 3.3 | 0 | 3.3 |
| 22 | 3.7 | 3.7 | 1.7 | 3.7 | 1.7 | 0 | 1.7 |
| 23 | 0 | 0 | 0.1 | 0 | 0 | 5.0 | 0 |
| 24 | 1.6 | 1.6 | 1.8 | 1.6 | 1.8 | 3.1 | 1.8 |
| 25 | 5.1 | 0 | 5.1 | 5.1 | 5.1 | 5.0 | 5.1 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 |
| 28 | 1.8 | 1.8 | 2.5 | 1.8 | 2.5 | 1.8 | 2.5 |
| 29 | 2.6 | 2.6 | 2.6 | 2.7 | 2.7 | 2.6 | 2.6 |
| 30 | 1.9 | 1.8 | 3.2 | 1.8 | 3.2 | 1.8 | 3.2 |
| 31 | 2.4 | 2.4 | 2.8 | 2.4 | 2.8 | 2.5 | 2.8 |
| 32 | 2.1 | 2.0 | 2.4 | 2.0 | 2.5 | 2.0 | 2.4 |
| 33 | 2.0 | 2.0 | 0 | 2.0 | 2.9 | 2.0 | 3.0 |
| 34 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 35 | 5.3 | 5.3 | 0 | 5.3 | 5.3 | 5.3 | 5.2 |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| MODE/ PIN NO. | QC01 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| C | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| B | 2.5 | 2.4 | 2.4 | 2.5 | 2.4 | 2.5 | 2.4 |

| MODE/ PIN NO. | QC02 | | | | | | |
|------------------|------|-----|------|----------------|----------------|--------------|---------------|
| | STOP | REC | PLAY | REW/ F. FWD | RV/FWD SRCH | REC PAUSE | PLAY PAUSE |
| E | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| C | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| B | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |