SERVICE MANUAL

MIDI INTERFACE UNIT
MIU8 (MANUAL No.068)

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***** SPECIFICATIONS *****
1. Input : MIDI IN (DIN 5p) & REMOTE (DIN 6p)
2. Output : MIDI OUT x8(DIN 5p)
3. Power Requirements : DC9V, 17mA
4. Size (WxDxH) : 189x89x36mm. (7.44x3.46x1.42in.)
5. Weight : 480grams. (1.1lbs.)
6. Options : AC109 AC Adaptor

***** CHECK POINTS & TROUBLE SHOOTINGS *****
This equipments has no point of adjustment.
Please check for trouble-shoot as follows.

a) Power supply : 1. Minimum required voltage is DC7V at EXT.DC JACK.
   Absolute maximum voltage is DC16V at EXT.DC JACK.
   Normal rating is 9V,17mA.(w/IFC60) 50mA.(alone)
2. Check 'POWER LED' lights when the power is on.
3. Check the regulated voltage (IC1,uA7805) for 5V.

b) MIDI :
   1. REMOTE input has priority over MIDI IN.
   2. Check 'TRANSMIT LED' lights when the MIDI signal is transmitted.

c) Caution :
   1. Never put the voltage on DIN1(REMOTE)pin6.
      The purpose of this pin6 is only for operation of the IFC60.
      If put the voltage on pin6, IC1(uA7805) will be damaged.
   2. MIDI signal input and output must be operated under
      MIDI(Musical Instrument Digital Interface) standards.

100-08-1985
MYSKHM
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***** PARTS LIST *****

<table>
<thead>
<tr>
<th>PARTS NAME</th>
<th>TYPE (pcs)</th>
<th>PARTS No.</th>
<th>REF.No.</th>
<th>REMARKS</th>
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<tr>
<td>TOP COVER</td>
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<td>TCV-MIU-0101B</td>
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<td>BOTTOM COVER</td>
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<td>RUBBER LEG</td>
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<td>IC Reg. (FC)</td>
<td>(1)</td>
<td>uA7005</td>
<td>IC1</td>
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<td>IC Photo Cp. (TO)</td>
<td>(1)</td>
<td>TLP552</td>
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<td>IC Inv. (T1)</td>
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<td>IC3,4</td>
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<td>TRANSISTOR (ROH)</td>
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<td>DIODE (TO)</td>
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<td>DIODE (HI)</td>
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<td>LED HOLDER</td>
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<td>HEC0769-01-010</td>
<td>EXT.DC</td>
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</table>

If you need these parts, please write clearly like ex. as follow.
ex.: PARTS MIU8 LED TLR124 1pc

***** DISPOSITION OF PARTS *****

***** BLOCK DIAGRAM *****

MIDI IN ☀ ——— PHOTO COUP. ——— DET. ——— TRANSMIT ——— POWER
REMOTE ☀ ———

MIDI OUT ☀ ——— B ——— B ——— B ——— B ——— B ——— B
MIDI OUT ☀ ——— B ——— B ——— B ——— B ——— B
MIDI OUT ☀ ——— B ——— B ——— B ——— B ——— B
MIDI OUT ☀ ——— B ——— B ——— B ——— B ——— B

DC IN +9V ——— REG. ——— +5V

www.joness.com/gr300/miu8.htm
MIU8

P.C.B.

(TOP VIEW)

(BOTTOM VIEW)