

FACTORY PRESETS

| No. | Name | No. | Name |
|-----|---------------------|-----|------------------------|
| 80 | Long Delay | 90 | Dyn Delay + Pan Env |
| 81 | Chorus + Pan | 91 | Flanger II |
| 82 | Dyn Delay Trig | 92 | AutoPan Direct |
| 83 | Preset 82 + Pan | 93 | Tremolo Direct |
| 84 | Delayed Dyn Chorus | 94 | AutoPan + Tremolo Dir |
| 85 | Chorus | 95 | Double I |
| 86 | Flanger I | 96 | Delay short + Dir Pan |
| 87 | Delay Dyn Reversed | 97 | Double II |
| 88 | Dyn Delay + Pan Env | 98 | Chorus + Pan + Tremolo |
| 89 | Dyn Delay + Pan Env | 99 | Flanger III |

ERROR CODES

| | | | |
|----|--|-----|---|
| 1 | Non existing special number | 17 | To many sampling recordings. Next recording will destroy old ones |
| 2 | Non existing special value | 18 | The sampling you just recorded is destroyed, while you got to many recordings |
| 3 | You have just tried to store information in a protected preset | 20- | The unit need service |
| 4 | Using the store key wrong | | |
| 13 | All presets are cleared, factory presets is entered from 80-99 | | |

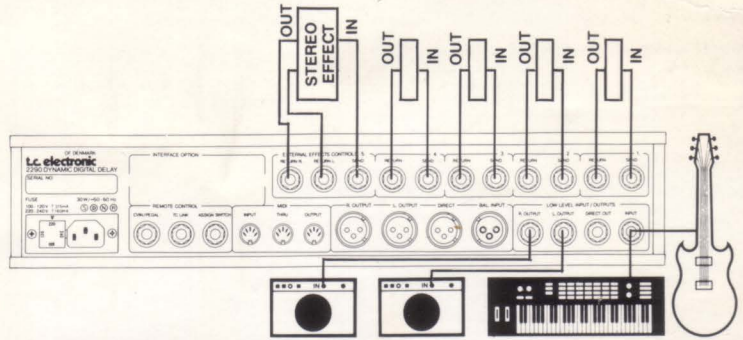
KEYCODE LIST

PROGRAM <KEY A> TO BE A 'PRESET UP' KEY:
 <SPEC> <4> <0> <ENTER> ; point at <KEY A> assign string beginning
 <3> <1> <ENTER> ; enter keycode for <PRESET UP> image key
 <SPEC> <4> <1> <ENTER> ; point at next <KEY A> string location
 <1> <9> <9> <ENTER> ; enter the code for <END ASSIGN>

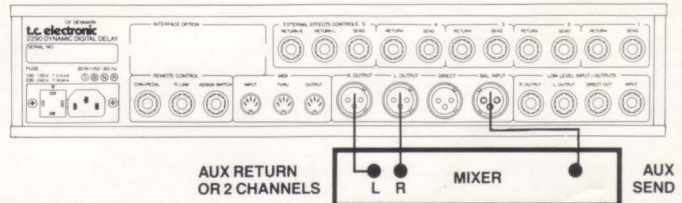
KEYNAME **KEYNO.** (Imagekeys denoted with "*" *)

| KEYNAME | KEYNO. | (Imagekeys denoted with "*" *) |
|-----------------------------|---------|--------------------------------|
| NUMERICAL KEYS GROUP | | |
| <0> | 0 | |
| <1> | 1 | |
| <2> | 2 | |
| <3> | 3 | |
| <4> | 4 | |
| <5> | 5 | |
| <6> | 6 | |
| <7> | 7 | |
| <8> | 8 | |
| <9> | 9 | |
| <. > | 10 | |
| <ENTER> | 11 | |
| PRESET KEY GROUP | | |
| <PRESET> | 30 | |
| <PRESET UP> | * 31 * | |
| <PRESET DOWN> | * 32 * | |
| <MIDI CH> | 33 | midi channel key |
| <STORE> | 34 | |
| <SPEC> | 35 | |
| <LAST PRESET> | * 36 * | recalls previous preset |
| UP/DOWN KEYS | | |
| <DELAY UP> | 40 | |
| <DELAY DOWN> | 41 | |
| <SPEED UP> | 42 | |
| <SPEED DOWN> | 43 | |
| <DEPTH UP> | 44 | |
| <DEPTH DOWN> | 45 | |
| <OUTPUT UP> | 46 | |
| <OUTPUT DOWN> | 47 | |
| <FEEDBACK UP> | 48 | |
| <FEEDBACK DOWN> | 49 | |
| ACCESS KEYS | | |
| <CHANGE> | 60 | |
| <LEARN> | 61 | |
| TOGGLE KEYS: | | |
| <DLY MOD> | 70 | delay modulation toggle |
| <PAN MOD> | 73 | pan modulation toggle |
| <DYN MOD> | 76 | dyn modulation toggle |
| <OUT INV.> | 79 | output delay invert toggle |
| <FB INV.> | 82 | feedback inv. toggle |
| <DLY ON> | 85 | delay on toggle |
| <SAMPLE> | 88 | sample toggle |
| <REVERSE> | 91 | dynamic reverse toggle |
| <MIDI ENABLE> | 94 | midi enable toggle |
| ROLL KEYS | | |
| <SELECT> | 100 | modulation section roll key |
| | * 101 * | select dly mod parameters |
| | * 102 * | select pan mod parameters |
| | * 103 * | select dyn mod parameters |
| <WAVEFORM> | 110 | waveform roll key |
| | * 111 * | sine |
| | * 112 * | random |
| | * 113 * | envelope |
| | * 114 * | trig |
| <PAN MODE> | 125 | direct/delay pan roll key |
| | * 126 * | delay out of phase, no panning |
| | * 127 * | enable pan dly |
| | * 128 * | enable pan dir |
| | * 129 * | enable pan both, alternating |
| <SELECT> | 130 | output section roll key |
| | * 131 * | select delay output volume |
| | * 132 * | select direct output volume |
| | * 133 * | select total output volume |
| | * 134 * | select pan position |
| <SELECT> | 140 | feedback section roll key |
| | * 141 * | select feedback |
| | * 142 * | select high filter |
| | * 143 * | select low filter |
| ASSIGN KEYS GROUP | | |
| <KEY A> | 150 | |
| <KEY B> | 151 | |
| <REMOTE KEY 1> | 152 | (pull to gnd. through 8K2) |
| <REMOTE KEY 2> | 153 | (pull to gnd. through 6K8) |
| <REMOTE KEY 3> | 154 | (pull to gnd. through 5K6) |
| <REMOTE KEY 4> | 155 | (pull to gnd. through 4K7) |
| <KEY A LED ON> | * 160 * | |
| <KEY A LED OFF> | * 161 * | |
| <KEY B LED ON> | * 162 * | |
| <KEY B LED OFF> | * 163 * | |
| <ENL ASSIGN> | * 199 * | end of assign key-string code |

INSTRUMENT AND EXTERNAL EFFECTS SET-UP



MIXER SET-UP



SPECIAL NUMBER LIST

HIT THE SPECIAL BOTTOM TEXT DISPLAY

'S.NO.' special number. You can now press <ENTER> to give access to the value associated with this special no.
 Or you can enter another valid spec. no. on the numeric keyboard followed by <ENTER>
 Special Value
 With the 'SVA' LED lit the value of the selected spec. no. can be monitored or changed.
 Enter a new, valid, number on the numeric keyboard and terminate with <ENTER>.
 Pressing <. > cancels spec.no. access with no changes.

| Spec No. | Min/max Value | Fac. default Stand-ard | Fac. default Samp-ling 1 | Fac. default Samp-ling 2 | Name/ Function |
|----------|---------------|------------------------|--------------------------|--------------------------|---|
| 0 | 265/285 | 265 | 275 | 285 | Prom Version No. |
| 1 | 0-127 | 51 | 51 | 51 | Midi Exclusive ID-No. |
| 2 | 0-1 | 1 | 1 | 1 | Midi Exclusive Input OFF = 1 |
| 3 | 0-1 | 1 | 1 | 1 | Midi Exclusive Output OFF = 1 |
| 4 | 1-16 | 1 | 1 | 1 | Midi Ch. |
| 5 | 0-1 | 0 | 0 | 0 | Midi Omni OFF = 1 |
| 6 | 0-1 | 0 | 0 | 0 | Midi Enable |
| 7 | 1-32 | 1 | 4 | 4 | Memory Size |
| 8 | 1-100 | 80 | 79 | 79 | Preset Protect |
| 9 | 0-1 | 0 | 0 | 0 | Inv. Dly.modulation |
| 10 | 1-9 | 5 | 5 | 5 | Dly.Mod.Threshold |
| 11 | 1-9 | 5 | 5 | 5 | Pan Mod.Threshold |
| 12 | 1-9 | 5 | 5 | 5 | Dyn Dly.Vol Threshold |
| 13 | 1-9 | 9 | 9 | 9 | Dyn Feedback Threshold |
| 14 | 0-1 | 0 | 0 | 0 | Manual Delay On Control |
| 15 | 0-1 | 0 | 0 | 0 | Manual Sample Control |
| 16 | 0-1 | 0 | 0 | 0 | Manual Outgain Control |
| 17 | 0-1 | 0 | 0 | 0 | Manual Dirgain Control |
| 18 | 0-1 | 0 | 0 | 0 | Manual Ext.Eff. Control |
| 19 | 0-1 | 0 | 0 | 0 | Keyboard Lock |
| 20 | 0-1 | 0 | 0 | 0 | Special Number Roll |
| 21 | 0-255 | 0 | 0 | 0 | SpecNo.Sys - for service only |
| 22 | 0 | 0 | 0 | 0 | Show Keycode |
| 23 | 0 | 0 | 0 | 0 | Last Error |
| 24 | 0 | 0 | 0 | 0 | Fatal Error |
| 25 | 0-99 | 99 | 99 | 99 | Direct Signal bypass volume |
| 26 | 0,1,2 | 2 | 2 | 2 | Bypass Method |
| 27 | 0-199 | | | 0 | Sequense Counter |
| 28 | 0-255 | | 0 | 0 | Metronome Beat/Minute |
| | 256-60,0 | | 0 | 0 | Metronome Ms/Beat |
| 29 | 1-20 | | 6 | 6 | Sampling Threshold Hysteresse |
| 30 | 1-9 | | 2 | 2 | Sampling Record Threshold |
| 31 | 1-9 | | 5 | 5 | Sampling Playback Threshold |
| 32 | 0,1,2 | | 0 | 0 | 1 = Overdub/Copy, 2 = Automatic recording point |
| 33 | 0-99 | | | 0 | Next Preset |
| 34 | 20-33.0 | | | 50 | Crossfade |
| 35 | 500-2000 | | 1000 | 12 | Playb pitch |
| | 0-24 | | | 12 | Play Back Pitch |
| 36 | 1000-32,00 | | 3072 | | Max Sample Time |
| 37 | 0-9999 | 0 | 0 | 2290 | Reset |
| 38 | 1000-9999 | 1023 | 1023 | 1023 | Max.Dlytime |
| 39 | Read only... | | | | Memory Available |
| | 1000-32,51 | | | 2815 | Max. Sample Time |
| 40-48 | 0-199 | 31 | 31 | 31 | Assign Key A String |
| 50-58 | 0-199 | 32 | 32 | 32 | Assign Key B String |
| 60-68 | 0-199 | 85 | 85 | 85 | Remote Assign Key 1 String |
| 70-78 | 0-199 | 36 | 36 | 36 | Remote Assign Key 2 String |
| 80-88 | 0-199 | 31 | 31 | 31 | Remote Assign Key 3 String |
| 90-98 | 0-199 | 32 | 32 | 32 | Remote Assign Key 4 String |