

# G SERIES COMPUTER REFERENCE CARD

This card has been designed as a quick reference guide to users who are reasonably familiar with G Series software. Full details of all facilities will be found in the G Series Computer Operator's Manual.

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Lower case type and unbracketed single letters indicate user supplied names. Mandatory spaces are indicated by the symbol —

## MIXING continued

### FADER STATUSES

ABSOLUTE	red LED	
TRIM	green LED	Update mix only
PREVIEW ABS	flashing red LED	
PREVIEW TRIM	flashing green LED	Update mix only
REPLAY	no LEDs	
MANUAL	no LEDs	New mix only
TRIM (fader) READ CUTS	green + flashing red LED	Update mix only
TRIM (fader) WRITE CUTS	green + red LED	Update mix only
ABS (fader) READ CUTS (UA + RC)	red + flashing green LED	Update mix only

### Fader Status Cycles

Changes to fader status at-head of, or during a mix may be made individually using fader status buttons. Across the board changes at the head of a mix are made using the Fader Status Master key; during a mix, use the FSM key in conjunction with GROUP SET.

### NEW MIXES

CONTROL	READY	MIX RUNNING	MIX REVIEW
NONE	ABS	ABS	REPLAY
	MANUAL		ABS
IP	As above but faders and cuts switch from REPLAY to ABS on touch in MIX REVIEW		
PV	ABS	ABS	REPLAY
	PREVIEW ABS	PREVIEW ABS*	PREVIEW ABS*
		ABS	ABS
IP + PV	As above but faders and cuts switch from REPLAY to PREVIEW ABS* on touch in MIX REVIEW		

\* Toggle between PREVIEW ON (current fader levels) and PREVIEW OFF (written levels) using the FADER STATUS MASTER (FSM) key.

JOIN or REVISE .....	enables mix from MIX REVIEW on all channels. With PV selected, only channels in preview status
AT TIME JOIN (REVISE) EX .....	specifies end of rollback
AT TIME EX .....	switches faders to preview levels at TIME
-(t) JOIN (REVISE) EX .....	rolls back by value of - key plus run-up time and JOINS/REVISES at target time determined by - key
HERE EX .....	sets/updates current JOIN/REVISE point enabling AT EX or AT JOIN EX commands. Also sets/updates current locate target
COPY (Head of Mix only) ..	stores current fader status until Mix System is disabled with MIX ON/OFF key
SETUP EX .....	restores copied statuses during current or future mixes
FROM EX .....	logs current fader statuses
TO EX .....	restores logged statuses
BA EX .....	toggles bargraph display option on or off
LARGE/SMALL key .....	toggles bargraphs with current page display if bargraphs are enabled
* .....	toggles name of mix with sectors used, FSM mode, Master Fader status and selected update mode.
MIX .....	selects LEVEL MATCH. (Choose faders with buttons or all with FSM if Local Fader Level Match = YES in Setup Menu)
PRESET .....	toggles Group Set facility
END .....	stops mix and asks for name
? MIX or ? END MIX EX ..	displays mix start or end time with frames
? END MIX - MIX EX .....	displays length of mix
CANCEL (twice) .....	cancels current mix
<b>UPDATE MIXES</b>	
SETUP MIX HERE EX .....	sets up for update of current mix here
SETUP MIX Name EX .....	sets up for Update of Mix "Name"
GOTO MIX (Name) EX .....	locates and parks at start of Update Mix
PLAY MIX (Name) EX .....	locates and starts Update mix
PLAY FROM MIX (Name) EX .....	locates to start of selected mix, plays past end of selected mix
GOTO/PLAY/CYCLE MIX (Name) FROM TIME (TO TIME) EX .....	creates a mix with updated section but at least as long as the mix being updated.

### UPDATE MIXES

CONTROL	READY	MIX RUNNING	MIX REVIEW
None	TRIM	TRIM	REPLAY
	REPLAY	REPLAY	TRIM
	ABS	TRIM	REPLAY

### Other Status Controls

UA, RC or UA+RC will allow faders to be switched to ABS, WRITE/READ CUTS or PLAY CUTS ONLY from any previous status, at any point before or during the mix, by using the status buttons or the Fader Status Master key (head of mix only unless in conjunction with Group Set).

IP sets faders and cuts to the selected status i.e. ABS, WRITE CUTS etc., immediately on touch in MIX REVIEW only.

PV allows faders to be selected to a PREVIEW of the update status selected, by using the fader status buttons or FSM as above. If PV+IP is selected, the preview status will be entered by moving the fader in MIX REVIEW. PREVIEW ON/OFF can be toggled during the mix, with the FSM key and can also be used in MIX REVIEW to selectively JOIN faders to the mix — see JOIN and REVISE.

AT allows faders to be switched to REPLAY automatically when an active fader crosses the level of the mix being updated. Autotakeover is not available with RC (REVISE CUTS mode) as this mode is specifically designed to toggle WRITE CUTS/READ CUTS status.

MF EX (M at start of mix) ...	makes FSM the Master Fader status selector
HELP EX (H at start of mix) .....	enables STATUS HELP
SAFE EX (S at start of mix) .....	enables SAFE status
TRACK (in mix READY only) .....	enables TRACK COPY/SWAP mode. Use FSM to choose COPY or SWAP

### A/B COMPARISON AND ON-LINE EDITING OF MIXES

SET UP MIX Name EX .....	selects mix to "drop in". Use the MIX ON/OFF key to switch mixes.
SET UP MIX Name FROM TIME TO TIME EX .....	time shifts mix 'Name' and prepares it to "drop in" at the TO time.

### OFF-LINE CREATION AND JOINING OF MIXES

REVISE MIX Name EX .....	converts E Series mix for use with G Series. Sorry — the reverse is not possible
REVISE MIX Name FROM TIME TO TIME EX .....	creates a new shortened mix from mix 'Name'
REVISE MIX Name FROM TIME TO TIME TO TIME EX .....	creates a new mix from (a section of) Mix 'Name' and time shifts it to start at the second TO time
JOIN (MIX)A TO (MIX)B AT TIME EX .....	off-line Butt join
JOIN (MIX)A TO (MIX)B FROM TIME TO TIME EX .....	off-line Insert join
JOIN (MIX)A FROM TIME TO TIME TO (MIX)A FROM TIME EX .....	time shifts portion of mix A and inserts it back into mix A
JOIN (MIX)A FROM TIME TO (MIX)B FROM TIME TO TIME EX .....	as above but with different mixes

### DROP-INS WHILE MIXING

All the usual Drop-in commands are available but:

AT TIME DROP-IN JOIN EX .....	locates and plays from TIME less Run up time for Drop-ins less pre-roll. JOINS at end of pre-roll. DROPS IN at TIME.
-(t) DROP-IN JOIN EX ...	as above but DROPS IN at time set by - key
-(t) JOIN DROP-IN EX ...	as above but DROPS IN and JOINS at time set by - key
AT TIME JOIN DROP-IN EX .....	as above but DROPS IN and JOINS at TIME
AT JOIN DROP-IN EX .....	repeats above if Drop-in time already set
AT DROP-IN JOIN EX .....	as above

Use REVISE instead of JOIN for the REVISE function



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## DATA CARTRIDGE AND DISC DRIVES

BEGIN EX .....	re-loads Program
FORMAT EX .....	formats new Data Cartridge (DC). A must! (5 min)
LABEL EX .....	sets choice of REEL size if using DC or labels Floppy if required. Essential!
ALTER EX .....	stores List page info for further transfer to REELS or floppies
LOAD EX .....	makes Floppy current REEL
DI EX .....	displays remaining current REEL space
COPY ALL EX .....	copies Program disc
COPY REEL EX .....	copies Reel Disc to another Floppy
COPY CUSTOM EX .....	copies custom Setup parameters to new Program disc
BACKUP EX .....	makes copy of DC from Drive A to Drive B

## GENERAL

SIGN_.....EX .....	changes Program start sign on message
HERE EX .....	makes a NOW cue point for use in short locate command lines
? HERE EX .....	logs and displays current timecode value
SET _CL EX .....	sets clock
TI EX .....	displays clock
DELETE (whatever) EX .....	whatever must be specified. The name of the TITLE, MIX etc may be abbreviated
SETUP EX .....	accesses Setup Menu (customising pages) but not while mixing
Time as referred to here by TIME can be: .....	a) Last time specified b) Timecodes hh:mm:ss.ff or hhmmssff c) Feet/Frames d) <b>TITLE, MIX, CUE, HERE, DROP-IN</b>

(t) indicates a specific value of time i.e. .6(6 frames), 3.(3 secs) etc.

## TIMECODE

Flashing SMPTE, EBU, DF TC or FILM .....	system is set (incorrectly) for this type of timecode. Solid display when set correctly
Flashing smpte, ebu, df tc or film .....	system needs to be reset to this type of timecode
SMPTE, EBU, DF TC or FILM? .....	wrong Speed/Tach rate
SMPTE, EBU, DF TC or FILM* .....	no Tach
LARGE/SMALL key .....	toggles large display of current timecode with current page display
SMPTE EX .....	to generate timecode. Set type in Setup Menu
OFF_ TIME EX .....	sets up REEL offset
OFF_ : .....	clears REEL offset
SP_ 30 (or 15) EX .....	changes Speed on List page. (MUST be correct for current Master machine)

## REELS

*N.B. - The REEL key replaces the SEQUENCE key used on E Series keyboards*

NAME REEL Name EX .....	creates and names REEL on current DC
NAME REEL (A) or (B) Name EX .....	creates a REEL on the other DC
REEL Name EX .....	makes that REEL current
REEL (A) or (B) Name EX .....	makes that REEL and that DC current
REEL (A) or (B) Name TITLE EX .....	lists titles on REEL "Name" and makes first title on list current
REEL X TITLE A EX .....	makes title A on REEL X current
DELETE REEL Name EX .....	deletes the named REEL. Fairly lethal!
REEL X NAME Y EX .....	renames REEL X

*NB - When defining DC with (A) or (B) the brackets must be entered in command line.*

## LISTS

LIST REEL EX .....	displays REEL list
LIST REEL (A) or (B) EX .....	lists REELS on A or B Drive DC
LIST EX .....	displays information page of current REEL
LIST TITLE, TRACK or MIX etc EX .....	gives a list of specified item
TITLE LIST EX .....	accesses Notes Pages
NAME TRACK (n) EX .....	enables entry into TRACK List
Left/Right cursor keys .....	scan through CUES, MIX, SYNC PRESET, TR SETUP, TRACK, NOTES pages.
Down/Up cursor key .....	turn to Time/Date and 'Mega Mix Name' pages

NAME TITLE (FROM TIME) (TO TIME) EX .....	adds new TITLE
NAME TITLE (Name) TO TIME EX .....	adds new TITLE starting at current time and ending at TIME
TITLE (Name) FROM TIME EX .....	changes TITLE start time (and re-sorts lists)
TITLE (Name) TO TIME EX .....	changes TITLE end time as above
TITLE END TIME EX .....	clears TITLE end time
TITLE END EX .....	renames TITLE. Same syntax used for cues, mixes etc.
TITLE (Name) NAME (New Name) EX .....	defines a CUE point — computer numbered
CUE EX .....	defines a named CUE point at time
CUE Name AT TIME EX .....	changes time of cue point
CUE (Name) TO TIME EX .....	nudges cue time by one frame if (t) is not specified
CUE (Name) +/- (t) EX .....	re-sorts CUE list so that CUE X is now at TIME and subsequent cues on the list up to Y are time shifted accordingly
REVISE CUE FROM CUE X TO CUE Y TO TIME EX .....	

DELETE ALL CUE, MIX, SETUP etc EX .....	deletes all items on the list
DELETE CUE 1 CUE 2 CUE 3 etc EX .....	for selective multiple deletions
DELETE TITLE LIST EX .....	deletes all Notes in current title

## TAPE CONTROL

GOTO (TIME) EX or PLAY (TIME) (TO TIME) EX .....	if TIME is not entered, the last specified target is assumed
HERE EX .....	makes a NOW target for GOTO EX, PLAY EX etc
PLAY FROM TIME (TO TIME) EX .....	plays for ever if TO TIME not specified
CYCLE (FROM TIME) TO TIME EX .....	cycles from NOW if FROM TIME not specified
PLAY CYCLE EX .....	reinstates an interrupted cycle
CYCLE EX .....	cycles to NOW from last specified locate target
+/- (t) EX .....	overrides Setup Menu default time value of +/- keys
+/- EX .....	locates and plays
+/- GOTO EX .....	locates and parks
+/- CYCLE EX .....	locates and cycles
Q EX .....	toggles the option to locate the machine to target without preroll

## DROP-INS

*NB - Drop-ins will be REHEARSED on monitor if desk TRACK READY is set but RECORD ENABLE is NOT set. To Drop in for real, set RECORD ENABLE*

DROP-IN EX .....	plays and sets Drop-In for indefinite recording
DROP-IN EX.....EX .....	sets Drop-In and Out times on the fly
DROP-IN FROM TIME TO TIME EX .....	clears Drop-Out time
DROP-IN END EX .....	re-sets Drop-In but not Drop-Out time
DROP-IN AT TIME EX .....	re-sets Drop-Out time
DROP-IN TO TIME EX .....	changes Drop-In or Out times by one frame or specified time (t)
DROP-IN (END) +/- (t) EX .....	displays Drop-In and Out times
LIST DROP-IN EX .....	guess what!
PLAY DROP-IN EX .....	plays Drop-In from TIME
PLAY DROP-IN FROM TIME EX .....	for tedious overdubs!
CYCLE DROP-IN (FROM TIME) EX .....	locates and drops in at TIME for indefinite recording
AT TIME DROP-IN EX .....	as PLAY DROP-IN but clears Drop-Out time
AT DROP-IN EX .....	locates and drops in at time set by +/- keys
+/- (t) DROP-IN EX .....	
PLAY FROM DROP-IN EX .....	locates but does not perform the Drop-In

## TOTAL RECALL

NAME SETUP (Name) EX (EX) .....	stores complete scan of desk
REVISE SETUP (Name) EX (EX) .....	changes existing setup to current settings
PLAY SETUP (Name) EX .....	runs Total Recall and displays Setup
LIST SETUP EX .....	lists Total Recall Setups!
LARGE/SMALL Key .....	zooms in on section of display

## COPYING INFORMATION

Stored information can be copied from the current area to another area or copied from another area to the current area or even between two other areas as required e.g:

COPY FLOPPY TO REEL (A/B) Name EX .....	copies floppy Reel Disc to a REEL
COPY REEL (A) Name TO REEL (B) Name EX .....	copies REEL and renames it
COPY TITLE (Name) TO REEL (A/B) Name EX .....	copies TITLE to another REEL

COPY TITLE Name TO FLOPPY EX .....	copies TITLE on current REEL to Reel Disc
COPY TITLE 1 FROM REEL (A/B) X EX .....	copies TITLE 1 from REEL X to current REEL
COPY MIX 1 FROM TITLE X EX .....	copies MIX 1 to current TITLE
COPY REEL X TITLE 1 MIX 3 EX .....	copies MIX from another REEL to current TITLE

*NB. - Omit (A) or (B) from command lines if copying within the same DC*

*T.R. SETUPS are copied in the same way as Mixes. Substitute SETUP for MIX*

COPY CUE FROM (REEL Name) TITLE 1 EX .....	replaces CUE list in current TITLE with TITLE 1 CUE list
COPY CUE TO TITLE 1 EX .....	Current CUE list overwrites CUE list in TITLE 1

TRACK lists are copied in the same way as CUE lists. Substitute TRACK for CUE. This facility replaces NAME TRACK FROM TITLE. Substitute SYNC PRESET for CUE to copy SYNC PRESETS. Substitute LIST for CUE to copy Notes Pages

## PRINTER

PRINT .....	prints screen dumps if this feature enabled in Setup Menu
PRINT TITLE EX .....	prints every List in the current Title
PRINT MIX, CUE, SET UP etc EX .....	prints that list from current title
PRINT TITLE LIST EX .....	prints Notes pages from current title

## MIXING

### NEW MIXES

SETUP MIX EX .....	enables mix system, and starts mix here
MIX ON/OFF key .....	followed by any locate command, enables mix from locate target

The screen displays the Mix Options box with the following status controls:

1. UA	UPDATE ABSOLUTE	Update mix only
2. RC	REVISE CUTS	Update mix only
3. AT	AUTOTAKEOVER	Update mix only
4. PV	PREVIEW	
5. IP	IMMEDIATE PICKUP	

UA + RC PLAY CUTS ONLY Update mix only

The above may be selected or de-selected at the start of, or during a mix by typing the first letter or the associated number (1,2,3,4,5) of the required control name. Selected controls are indicated by the screen display.