

**Turbo-Plus V1.41 8/16 Bit Background Batch
User's Guide Supplement**

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OVERVIEW

Turbo-Plus V1.41 provides the capability to use both 8 and 16 bit processors, and thus both 8 and 16 bit background batch boards. As a result, it has become necessary to provide users with a means for using both types of batch processors, and thus we have introduced the four new commands discussed in this manual.

The commands may be accessed from both eight and sixteen bit slaves, and are used to manipulate the 16 bit batch processor, if present. They take essentially the same form as their eight bit counterparts, but are described in full anyway. The versions of these commands which may be executed by eight bit processors, including those which act on sixteen bit processors, are all distributed with the eight bit release, and those which may be executed by sixteen bit processors are included with the sixteen bit release.

Thus, if you purchased a straight eight-bit release, you may not utilize these commands, but they are included on your distribution diskette, to facilitate your possible future upgrade to sixteen bit TurboDOS and Turbo-Plus.

*

Note: The BB16CANC command will not work on certain hardware configurations. If you are having difficulty using this commands, consult your dealer.

COMMANDS

BB16 Command The BB16 command enables you to enter a job onto the 16-bit batch processor queue.

Syntax

```
-----  
|  
|        BB16 command  
|        BB16 command @hh:mm  
|        BB16 command @hh:mm+d  
|  
-----
```

Explanation

The 'command' argument is any legal 16-bit TurboDOS command which will not require any console input. Such input would cause the batch processor to reset itself, providing that the CONBB module has been included in your slave generation. (See Installation guides to Turbo-Plus).

The second form of the command is used for scheduling jobs. hh:mm is the time which the job should run in 24 hour time. The +d is a further option, shown in the third form of the command, which specifies the number of days later that the job is to be run. (e.g. @00:00+2 means 'Run the job at midnight tomorrow night.').

A multi-command string may be entered onto the batch queue. This command's format should be similar to a multiple command entered directly onto the Command Line Interpreter, except that the vertical bar character (|) should be substituted for the back-slash character (\) expected by TurboDOS.

Examples

```
-----  
|  
|        OA}BB16 DO REPORT @00:00+1  
|        BATCH JOB 0308 QUEUED-WAITING 02 TO RUN  
|        OA}BB16 PRINT FILE!DO PRINT  
|        BATCH JOB 1969 QUEUED-WAITING 01 TO RUN  
|  
-----
```

Error Messages

```
-----  
|  
|        Command line is empty  
|        Bad format in schedule time  
|        Bad format in schedule day  
|  
-----
```

Parameters

USER = 01	User number where BB processor resides.
DRIVE = 01	Drive (0=A, 1=B, etc.) where BB processor resides.

BB16CANC Command The BB16CANC command enables you to stop the execution of an active job in the 16-bit batch processor.

Syntax

```
-----  
|  
| BB16CANC  
|  
-----
```

Explanation

Since there is at most one job running at any time, no job number is required on the command line.

This command must be issued by either a privileged user or by a user under the userid from which the job was queued. Otherwise, the warning: "***User Unauthorized to Delete Job" will be issued. If the deletion is successful, a message will appear on the console stating the job number and user area from which is was queued.

Examples

```
-----  
|  
| 2F)BB16CANC  
| JOB #: 1120    QUEUED BY SYSTEM FROM 08-J ---- CANCELLED  
|  
-----
```

Error Messages

```
-----  
|  
| User Unauthorized to delete job  
| There is no job currently running  
|  
-----
```

Parameters

```
-----  
|  
| USER = 01            User number where  
|                      BB processor resides.  
|  
| DRIVE = 01           Drive (0=A, 1=B, etc.)  
|                      where BB processor  
|                      resides.  
|  
| BSLAVE = 01          Slave number (0=A,  
|                      1=B, etc.) of 16-bit  
|                      BB processor.  
|  
-----
```


BB16DEL Command The BB16DEL command enables you to delete a pending job from the 16-bit batch queue.

Syntax

```

-----
|
| BB16DEL nnnn
|
-----

```

Explanation

The 'nnnn' argument is the job number to be deleted (leading zeroes may be left off).

This command must be issued by either a privileged user or by a user under the userid from which the job was queued. Otherwise, the warning: "***User Unauthorized to Delete Job" will be issued. If the deletion is successful, a message will appear on the console stating the job number and userid and area from which it was queued.

Examples

```

-----
|
| 10F)BB16DEL 46
| JOB #: 0046 QUEUED BY SYSTEM FROM 10-F: ----- DELETED
|
-----

```

Error Messages

```

-----
|
| Illegal job number
| Job not found
| User unauthorized to delete job
|
-----

```

Parameters

```

-----
|
| USER = 01            User number where
|                      BB processor resides.
|
| DRIVE = 01          Drive (0=A, 1=B, etc.)
|                      where BB processor
|                      resides.
|
-----

```

BB16LIST Command The BB16LIST command enables the user to list the current and pending jobs on the 16-bit batch queue.

Syntax

```
-----
| BB16LIST {;options}
|
|-----
```

Explanation

The report consists of two sections. The first, only present when there is a 16-bit job currently running, lists that job. The second half lists all jobs waiting on the 16-bit batch queue.

For all jobs, it lists the job number, the id of the user who requested it, the user area from which it was queued, and the request time. For the current job it also includes the time the job began running, and for the pending jobs it includes the time for which the job is scheduled.

Options

Option	Explanation
;F	The report will include with each job line, the command string which was queued.

Examples

```
-----
| 5F)BB16LIST
| 16-BIT BACKGROUND BATCH: 26-Mar-84 AT 11:32
|
| CURRENT PROCESS:
| JOB # 045 QUEUED BY RJ FROM 2-J AT 09:06:12 - BEGAN:09:06:47
|
| PENDING PROCESSES:
| JOB # 046 QUEUED BY JG FROM 10-F AT 10:00:01 FOR 10:00
|
|-----
```

5F)BB16LIST ;F

16-BIT BACKGROUND BATCH: 26-Mar-84 AT 11:32

CURRENT PROCESS:

JOB # 045 QUEUED BY RJ FROM 2-J AT 09:06:12 - BEGAN:09:06:47
* DO STAM16

PENDING PROCESSES:

JOB # 046 QUEUED BY JG FROM 10-F AT 10:00:01 FOR 10:00
* TLINK WHO.CMD

Parameters

USER = 01	User number where BB processor resides.
DRIVE = 01	Drive (0=A, 1=B, etc.) where BB processor resides.