

Storing and Retrieving Programs with DATADIR

The DATADIR program allows you to store programs on LabPro's *FLASH* memory and then retrieve them later. (This is like having an "external hard drive" for your calculator.) LabPro has approximately 600K of *FLASH* ROM available for storing experiment files and programs.

The DATADIR program is available on the TI Resource CD and on the TI web site at www.ti.com/calc, and can be loaded to your calculator via the Graph Link cable and program³.

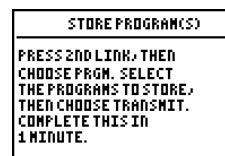
To store and retrieve programs, LabPro must be connected to a TI Graphing Calculator. Start the DATADIR Program.

1. Press **PRGM**.
2. Press **▼** to move the cursor to DATADIR and press **ENTER**.
3. Press **ENTER** again to confirm your choice.
4. An introductory screen appears briefly, then the main menu displays.

STORE A PROGRAM

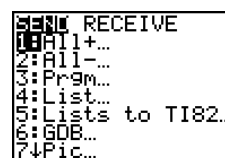
The program(s) you want to store must be on your calculator. You can store one program or several programs at the same time. Follow the instructions below:

1. On the Directory Main Menu, select STORE PROGRAM.



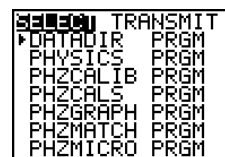
```
STORE PROGRAM(S)
PRESS 2ND LINK, THEN
CHOOSE PRGM. SELECT
THE PROGRAMS TO STORE,
THEN CHOOSE TRANSMIT.
COMPLETE THIS IN
1 MINUTE.
```

2. Press **2nd** [LINK].



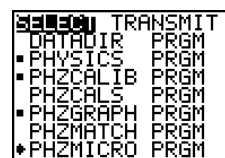
```
RECEIVE
1: All+...
2: All...
3: Prgm...
4: List...
5: Lists to TI82...
6: GDB...
7: Pic...
```

3. Press **3** Prgm.





```
TRANSMIT
DATA DIR PRGM
PHYSICS PRGM
PHZCALIB PRGM
PHZCAL PRGM
PHZGRAPH PRGM
PHZMATCH PRGM
PHZMICRO PRGM
```

4. Press **▼** to move the cursor to the program you want to store and then press **ENTER**. A dot appears beside the program name. Repeat this instruction until you have selected all the programs you want to store.



```
TRANSMIT
. DATA DIR PRGM
PHYSICS PRGM
PHZCALIB PRGM
PHZCAL PRGM
PHZGRAPH PRGM
PHZMATCH PRGM
PHZMICRO PRGM
```

³ For calculator loading instructions, consult the manual *CBL Made Easy*, available on the Vernier web site at www.vernier.com/cbl/easy.html.

5. Press  to highlight TRANSMIT and press . When the program(s) have been stored, the calculator displays the message Done.

```
PHYSICS PRGM
PHZCAL PRGM
PHZGRAPH PRGM
PHZMICRO PRGM
Done
```

Note: The calculator exits the DATADIR program to make the transfer. Run the DATADIR program again to see the results of the transfer.

LIST PROGRAMS IN STORAGE

The DATADIR program allows you to see a list of the programs you have stored on LabPro. It is possible to store programs for more than one calculator on the same LabPro (for example, TI-83 programs and TI-89 programs). DATADIR can differentiate calculators and data types, and will list only the programs that apply to the calculator that is connected.

Follow the instructions below to see the list:

1. On the Directory Main Menu, select LIST OF PROGRAMS.
2. When you finish viewing the list, select RETURN TO THE PREVIOUS MENU.


```
LIST OF PROGRAMS
1:PHYSICS.B3P
2:PHZCAL.B3P
3:PHZGRAPH.B3P
4:PHZMICRO.B3P
5:RETURN TO PREVIOUS MENU
```

RETRIEVE A PROGRAM FROM STORAGE

The DATADIR program also allows you to retrieve a program from storage on LabPro. Although you can store several programs at once, you can retrieve only one at a time. The following instructions will guide you through this task:

1. On the Directory Main Menu, select LOAD A PROGRAM.
2. Press the number beside the program you want to load.

```
LOAD A PROGRAM
1:PHYSICS.B3P
2:PHZCAL.B3P
3:PHZGRAPH.B3P
4:PHZMICRO.B3P
5:RETURN TO PREVIOUS MENU
```

3. Press  [LINK].

```
PRESS 2ND LINK,
CHOOSE RECEIVE AND
PRESS CENTER]. PRESS
TRANSFER BUTTON ON
INTERFACE. COMPLETE
THIS IN 1 MINUTE.
```

4. Press  to highlight RECEIVE and press .

```
RECEIVE
1: All+...
2: All-...
3: Prgm...
4: List...
5: Lists to TI82...
6: GDB...
7: Pic...
```

5. Press the TRANSFER button on LabPro.

6. When the program has been loaded on the calculator, the calculator says DONE.

Note: The calculator exits the DATADIR program to make the transfer.

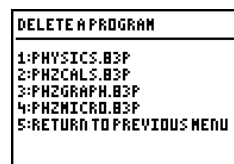
DELETE A PROGRAM FROM STORAGE

The DATADIR program provides two options for deleting programs from storage. You can delete a single program or you can delete all the programs that are stored on LabPro.

Note: Deleting all programs will NOT delete the DataMate programs. This step will delete all programs specific to the calculator being used.

Follow these instructions to delete a single program that you have stored on the LabPro:

1. On the Directory main menu, select DELETE A PROGRAM.



2. Press the number beside the program you want to delete. The Directory main menu appears.

Follow these instructions to delete ALL the programs that you have stored on LabPro

1. On the Directory main menu, select DELETE ALL PROGRAMS.

2. The programs are deleted and the Directory main menu appears.

CHECK MEMORY

The DATADIR program also allows you to check available memory space on LabPro.

Follow the directions below to check memory:

1. On the Directory main menu select CHECK MEMORY



1. When you finish viewing the screen, press .

The Directory main menu appears.

EXIT THE DATADIR PROGRAM

On the Directory main menu, press QUIT.
The calculator displays the message Done.