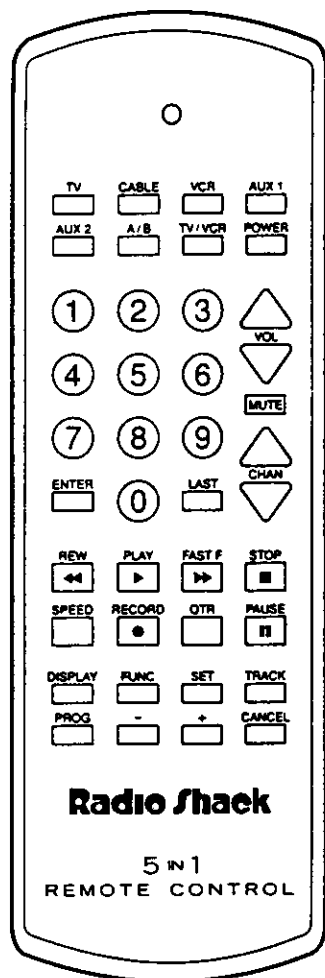# Five-in-One Remote Control

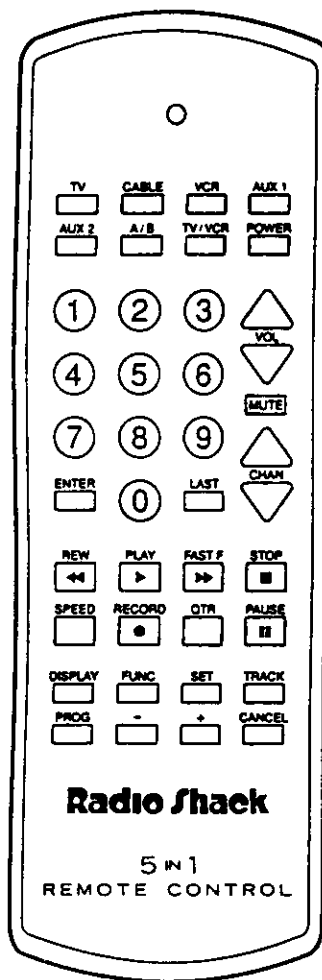Please read before using this equipment

HOW THE 5-in-1 WORKS

Before you begin to use the 5-in-1, it is helpful to understand a little about how it works — nothing technical — only an idea of what you can expect from the 5-in-1 and its different groups of keys.

When you set up the 5-in-1, its command keys work like the keys on your original remote controls, through the labeling might slightly differ. For example, a key on your original remote control labeled PWR ON/OFF is equivalent to the 5-in-1's **POWER** key.

Notes:

• Whenever you use the 5-in-1's RECORD or QTR key, you must press it twice. This safety feature helps prevent you from accidentally erasing audio or video tapes.

• When you see references to TRACK + or TRACK − in this manual, you must press TRACK followed by the + or − key.

• When you use the 5-in-1 to replace extremely complex remote controls, the 5-in-1 might not have all the keys of the original remote control. But, in most cases, the 5-in-1 can duplicate all commonly-used commands from the original remote controls. (See "Alternate Functions"). Occasionally, the 5-in-1 will not be able to duplicate some of the original remote control's seldom-used functions.

• The PROG key at the bottom of the 5-in-1 is a special key that you use when you set up the 5-in-1 to replace your original remote controls.

• The TV, VCR, CABLE, and AUX keys are device keys. You use them when you set up the 5-in-1 to replace your original remote controls. You also use the device keys during normal operation to tell the 5-in-1 which device you want to control.

SETTING UP THE 5-in-1

Follow these steps to set up your 5-in-1.

1. Remove the battery compartment cover and install four fresh AAA Alkaline batteries (Radio Shack 23-555) as indicated by the polarity (+ and −) symbols marked in the compartment.

   Note: Do not place objects on the top of the remote control after you install the batteries. This can press down keys and reduce battery life.

2. Refer to **"Manufacturer's Codes"** and write down the codes for your original remote control on the provided label.

3. Press the device key for the remote you are replacing (TV, VCR, CABLE, AUX 1, or AUX 2).

4. Press down and hold PROG until the red indicator blinks twice, and continue holding it down as you enter the 3-digit manufacturer code.

   For example, to replace a Panasonic TV's remote control (manufacturer code 051), you would press:

   TV—PROG—0—5—1

5. When the indicator blinks twice again, release PROG.

6. Point the 5-in-1 at your device and press POWER. The device should turn on (or off, if it was on).

   Repeat Steps 2 - 6 for additional devices.

   Note: The punch-through feature is automatically turned on for the TV's volume and mute controls. This means that when you select CABLE and press one of the volume buttons or the MUTE button, the remote actually sends the codes to the tel-

want to use your cable converter's volume and mute controls, disable the punch-through feature for these buttons. See "**Punch Through**".

If the remote does not operate your device, try other codes listed in **"Manufacturer's Codes"** for your brand of TV, VCR, or cable box.

If your device still does not respond, follow the steps outside outlined in **"If You Have Problems"**.

Note: When the 5-in-1's range decreases or the 5-in-1 operates erratically, replace the batteries.

Caution: Be sure to have the fresh batteries ready to install before you remove the old batteries. The 5-in-1's memory only lasts about a minute without the batteries. If the memory is lost, simply re-enter the 3-digit codes for your remote control products.

must be in the cable mode. If you want to control volume through your VCR you must be in the VCR mode. For example:

When the remote is in the cable mode you would press:

PROG—9—9—9—CABLE—Volume Up

When the indicator blinks three times volume will be controlled through your cable box. To turn the punch through feature on repeat the procedure.

To turn off the punch through feature for your VCR press:

PROG—9—9—9—VCR—Volume Up

When the indicator blinks three times volume will be controlled through your VCR. To turn the punch through feature on repeat the procedure.

The punch through feature does not work if the last two devices you select have the same (or similar) features. For example, most TVs and VCRs have CHANNEL keys on their remote controls. In this case, you would have to press the desired device key before you use the 5-in-1's CHANNEL keys.

IF YOU HAVE PROBLEMS

If the 5-in-1 does not control your remote control devices when you first set it up, you probably haven't entered the correct 3-digit codes for your devices. You can try all the codes for the brand of your device, but because many manufacturers make products using several different brand names, you might want to search the 5-in-1's entire library as follows:

1. Manually turn on the device you are trying to set up.

2. Aim the 5-in-1 at the device.

3. Press down and hold PROG until the red indicator blinks twice.

4. While holding down PROG, repeatedly press POWER then the device key for the type of device (TV, VCR, CABLE, AUX 1, or AUX 2) until the device responds.

   Each time you press the device key, the 5-in-1 advances to the next manufacturer's code in the list.

5. When the device responds, release PROG to lock in the manufacturer's code.

If necessary, repeat these steps for each device key.

To determine which 3-digit code the 5-in-1 is set to, press down and hold PROG until the red indicator blinks twice. While holding down PROG, press the device key (TV, VCR, CABLE, AUX 1, or AUX 2) followed by 1. The 5-in-1 blinks out the number of the first digit. While continuing to hold down PROG, press 2 to have the 5-in-1 blink out the 2nd digit, then 3 to have it blink ou the 3rd digit.

If the 5-in-1 stops working after you successfully test the control of each device, or if you are unable to get the 5-in-1 to work at all, check the following:

- Be sure you press the device key for the device you want to control.

- Replace the batteries.

- Confirm that your remote control devices are working properly using manual controls or the original remotes.

- If some buttons do not function for your device, you might be able to scan to a better device code.

If you are still unable to determine the problem, call our nationwide Universal Remote Control Hotline at 1-800-989-5000.

SPECIFICATIONS

Power . . . . Four AAA Alkaline Batteries

I/R Control Range . . . . . . 7.5m (25 ft.) ±30°

Dimensions . . . . (HxWxD)
15.87 x 63.5 x 190.5 mm
(5/8 x 2½ x 7½")

Weight (Without Batteries) . . . . .99.23 g
(3.5 oz.)