

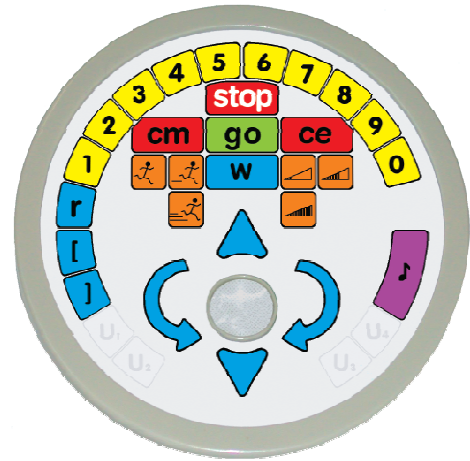


## Infant (K-1) Roamer Quick User Reference

### Infant (K - 1)





The Infant (K-1) Roamer breaks away from the counting paradigm of the Early Years Roamer and introduces the idea of moving and turning an amount. It includes five new features:

- You can change the move and turn speed
- Clear entry allows you to delete specific commands
- You change the sound volume
- The robot can play music
- The repeat feature is introduced








The repeat opens up the possibility of exploring patterns.


### Programming Group

GO			Runs Program
Clear Entry			Clears last instruction or part instruction.
Clear Memory		Press twice	Clears the GO Memory
STOP			Stops Roamer when it is running a program

### Move Group

Forward		Number [ 1 to 100]	Moves Roamer forward a <b>number</b> of units.
Backward		Number [ 1 to 100]	Moves Roamer backwards a <b>number</b> of units.
Left		Number [ 1 to 999]	Turns Roamer left a <b>number</b> of units.
Right		Number [ 1 to 999]	Turns Roamer right a <b>number</b> of units.
Wait		Number [ 1 to 100]	Makes Roamer stay still and quiet for a <b>number</b> of seconds

### Music Group

Music		Number [ 1 to 14]	1 is for a low pitch, 13 a high pitch and 14 a silent note.
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## Repeat Group

Repeat



Number [ 1 to 100]



List of Instructions



Repeats the **list of Instructions** the specified **number** of times

## Change Group

Slow Speed



Makes the speed of moving and turning slow.

Normal Speed



Makes the speed of moving and turning normal.

Fast Speed



Makes the speed of moving and turning fast.

Low Volume



Makes the sound and music volume quiet.

Normal Volume



Makes the sound and music volume normal.

Loud Volume



Makes the sound and music volume loud.

## Units

The unit of movement, forward and backwards, is one Roamer body length - 20 cm (8 inches).

The unit of turn is degrees.

**Important Note:** Because the unit of turn is in degrees, does not mean you need to teach the students about degrees. The numbers simply represent an amount of turn and bigger numbers mean more turn than smaller ones.

