

## Why you need the Ganjagrid PVT?

### ***The Stimuli...***

Vibration added to plant growth can be defined as thigmomorphogenesis. Thigmomorphogenesis (Thigmo --> to touch; Morpho --> to change; Genesis --> to create), a Greek word described as a response by plants to mechanical sensation through altering their growth patterns. In the wild, these patterns can be evinced by many different environmental factors including but not limited to wind, raindrops, rubbing by passing animals or even insects. The Ganjagrid receives sound files from any Bluetooth or other device with aux cord (Line out) and changes them to mechanical vibrations. Those vibrations are then cast through the aluminum grid which physically touches the plant and creates a response that allows for changes in growth responses. The Grower is able to create a truly unique experience for both them and their plants.

### ***The Structure...***

Trellis/Scrog techniques are used as a canopy management system that enables a uniform photosynthesis process for greater yields. It also acts as a support structure and/or a means to train plants specific to the growers liking. With the Ganjagrid, the structure (vibration transmitter) is solid and enables the grower to further emphasize canopy management while enabling the plants to be attached directly without structural deformation.

### ***The System***

Our plant vibration trainer nurtures the plants development from seed to harvest for greater returns. During germination, early clone life, seedling and vegetative/flowering stages, vibrations can be introduced to help stimulate plant responses. In addition, during the flowering stage, plants can be grown with new or existing low or high stress training programs. At harvest time, drying racks are used to remove excess moisture from the fruits of your labor. They can be used in the same space as your grow or are placed in separate rooms. The Ganjagrid doubles as a drying rack and reduces handling of the plant for increased quality and decreased material loss. Simply cut the main stalks and flip the Ganjagrid over in your current space or transport it to a separate drying room.

### ***The Environment...***

Plastic netting is the leading source of agricultural plastic waste. Globally, it is estimated that agricultural plastic waste accounts for 2% of the global waste burden; this is equivalent to 5.2 million tons of waste based on 2010 statistics. The Ganjagrids vibration transmitter is made of aluminum and is reusable equating to less waste, less pollution and greater return over time.

### ***The Experience...***

The Ganjagrid PVT combines organic and artificial intelligence through the use of new technology and natural growth. Since the dawn of hunters/gatherers on this planet, humans have tried to increase growth of living things by any means possible. In recent years, environmentally damaging processes have led to greed, disease and waste. Ganjagrid uses natural means to increase food production, improve mental health and help save the planet.