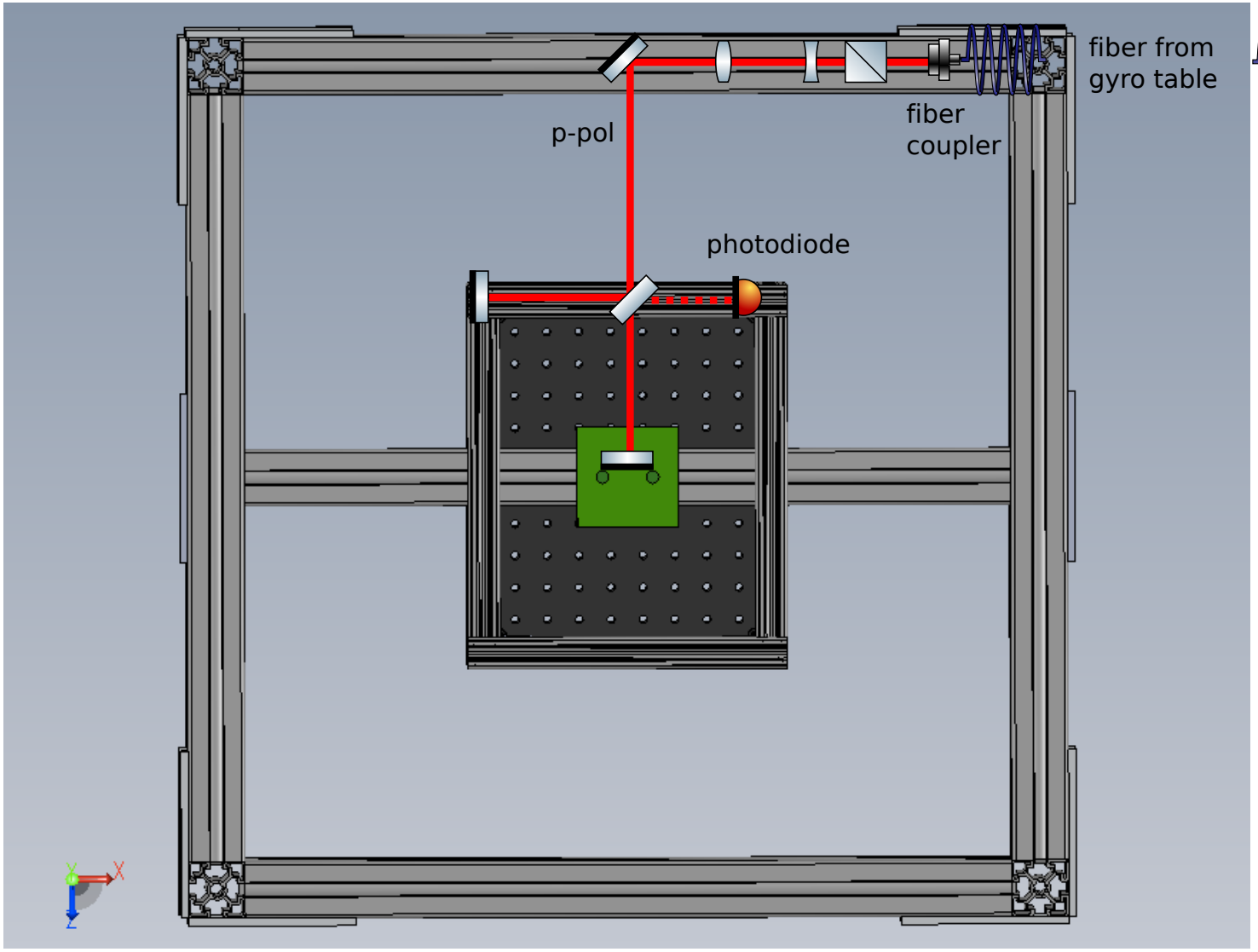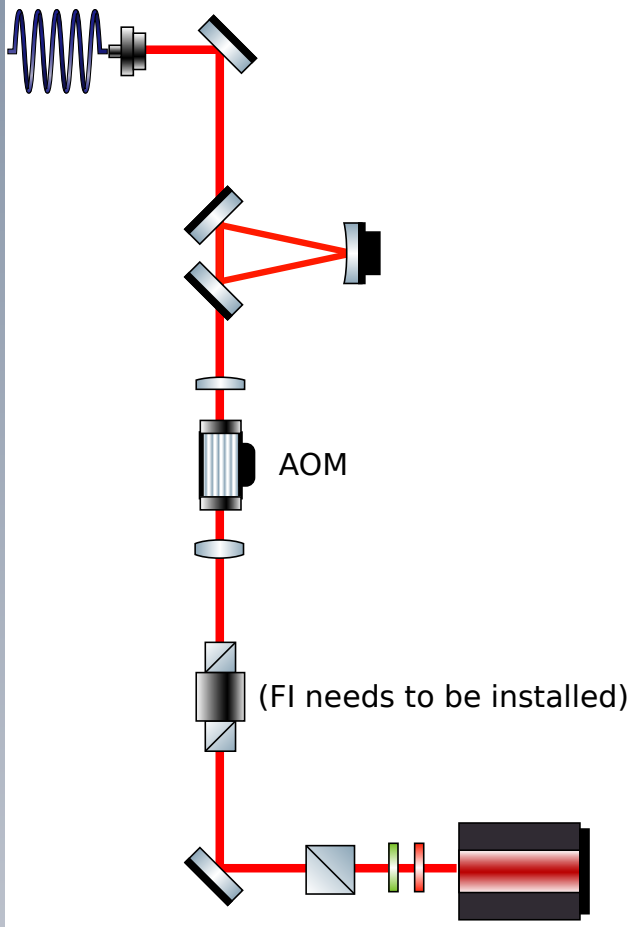Michelson interferometer design