

THE FOLLOWING INFORMATION PERTAINS TO THE HISTORY OF RTTI WORLD WIDE INCLUDING SOUTH AFRICA. RTTI STANDS FOR ROCKFORD TECHNICAL TRAINING INSTITUTE. THIS IS THE FIRST TRAINING INSTITUTE OF ITS KIND IN THE WORLD TO PROVIDE KNOWLEDGE, TRAINING SUPPORT AND TECHNICAL GROWTH OPPORTUNITY FOR SPECIALIST CAR AUDIO FITMENT INDUSTRY. THE TRAINING INSTITUTE WAS FIRST ESTABLISHED IN THE UNITED STATES OF AMERICA IN 1986 IN PHOENIX ARIZONA. IN 1993 RTTI WAS INTRODUCED IN SOUTH AFRICA, A TRAINING SCHOOL WAS STARTED UNDER THE SAME GUIDE LINES AND FACILITIES SIMILAR TO THE ONE IN THE USA. THIS INCLUDED ALL THE DIFFERENT HANDS ON TECHNIQUES WHERE DIFFERENT INSTALLATION SKILLS HAVE BEEN TAUGHT TO NUMEROUS STUDENTS. EVERY CONCEPT OF THIS TRAINING IS PROVIDED FOR , HOWEVER ROCKFORD FOSGATE SOUTH AFRICA DOES NOT CHARGE FOR ITS TRAINING COURSES ITS INTENTION IS TO PROVIDE AN OPPORTUNITY FOR EVERY AUTHORIZED ROCKFORD FOSGATE DEALER TO INSTALL CAR AUDIO TO THE BEST STANDARD POSSIBLE, ENABLING THE CONSUMER TO ENJOY WHAT HE OR SHE MAY PURCHASED UNDER THE SAME CRITERIA AS IT WAS MANUFACTURED. MUCH IN THE SAME WAY THAT THE CONSUMER WOULD EXPECT FROM CAR MANUFACTURES TO TRAIN THEIR DEALERS MECHANIC'S, THERE ARE NUMEROUS COMPANIES THAT DISTRIBUTE CAR AUDIO PRODUCTS, THIS IS THE EASY PART HOWEVER MAINTAINING A STANDARD IS WHERE IT ALL STARTS AND THAT IS ACHIEVED THROUGH KNOWLEDGE ,BEING YOUR MOST POWERFUL TOOL. UNFORTUNATELY THE CAR AUDIO FITMENT HAVE TYPICALLY IN THE PAST HAVE BEEN LEFT TO FIGURE THIS OUT ON THEIR OWN. IT IS A GIVEN FACT TO BE AN AUTO ELECTRICIAN OR A CARPENTER ONE NEEDS DIPLOMAS TO QUALIFY, CAR AUDIO INSTALLERS NEED TO KNOW AND UNDERSTAND AND BE QUALIFIED AND CONFIDENT IN UPHOLSTERY WORK, WOOD WORK ,SOLDERING, BASIC ELECTRONICS, ACOUSTICS, METAL WORK, FIBRE GLASSING , SPRAY PAINTING, AUTO ELECTRICAL, AND WITH ALL OF THESE SALES AND MANAGERIAL KNOWLEDGE AND BASIC COMPUTER PROGRAMME'S, SPEAKER ENCLOSURE SOFTWARE, WORKING AND UNDERSTANDING TEST INSTRUMENT AS IN OSCILLOSCOPE'S, REALLY TIME ANALYZER'S ETC. THE AMAZING FACT IS THAT CAR AUDIO CENTERS PUT THE NAME SPECIALIST IN FRONT OF THEIR STORE BUT UNFORTUNATELY THE SAD TRUTH IS NO DIPLOMA OR DEGREE IS REQUIRED TO STATE THIS IT IS ONLY ASSUMED BY THE CONSUMER THAT IS TRUE.

RTTI SOUTH AFRICA HAS TRAINED 100'S OF STUDENTS BOTH IN ACADEMIC AS WELL AS IN HANDS ON SKILLS . THERE ARE DIFFERENT LEVEL OF TRAINING STARTING WITH BASIC TECHNIQUES, THE FOLLOW UP COURSE TO THIS IS KNOWN AS ADVANCED INSTALLATION TECHNIQUES AND THE PRACTICAL TRAINING IS CALLED TOP GUN WHERE ONLY THE BEST AND THE ELITE ARE INVITED. EACH STUDENT HAS TO COMPLETE A FULL WRITTEN EXAM AND IS ONLY AWARDED A GRADED CERTIFICATE IF HE OR SHE PASSES

THE SUBJECTS THAT ARE COVERED, TO NAME A FEW ARE AS FOLLOWS:

1 SOUND INSTALLATIONS THE ROCKFORD WAY COVERING THE BASIC PRINCIPALS OF CAR AUDIO

- 2 GOING OVER TO CROSS OVER DESIGNS PASSIVE AND BOTH ACTIVE**
- 3 INSTALLATIONS OF AMPLIFIERS AND CORRECT GAIN LEVEL SETTING**
- 4 HOW TO USE A OSCILLOSCOPE AND A MULTIMETER**
- 5 HOW TO SET UP RTA AND THE MANY USES OF A RTA / USING IM1'S
AND PHASE DETECTORS, MULTIMETERS ETC**
- 6 UNDERSTANDING GLOBAL NETWORKS AND UNDERSTANDING MORE
ABOUT THEIR APPLICATIONS**
- 7 IN-CAR ACOUSTICS (TRANSFER FUNCTIONS ETC)**
- 8 CORRECT SPEAKER PLACEMENT AND TIME ALIGNMENT**
- 9 TERM PRO LOUD SPEAKER DESIGN SOFTWARE**
- 9 SPL DESIGN**
- 10 SALES TRAINING TECHNIQUES**